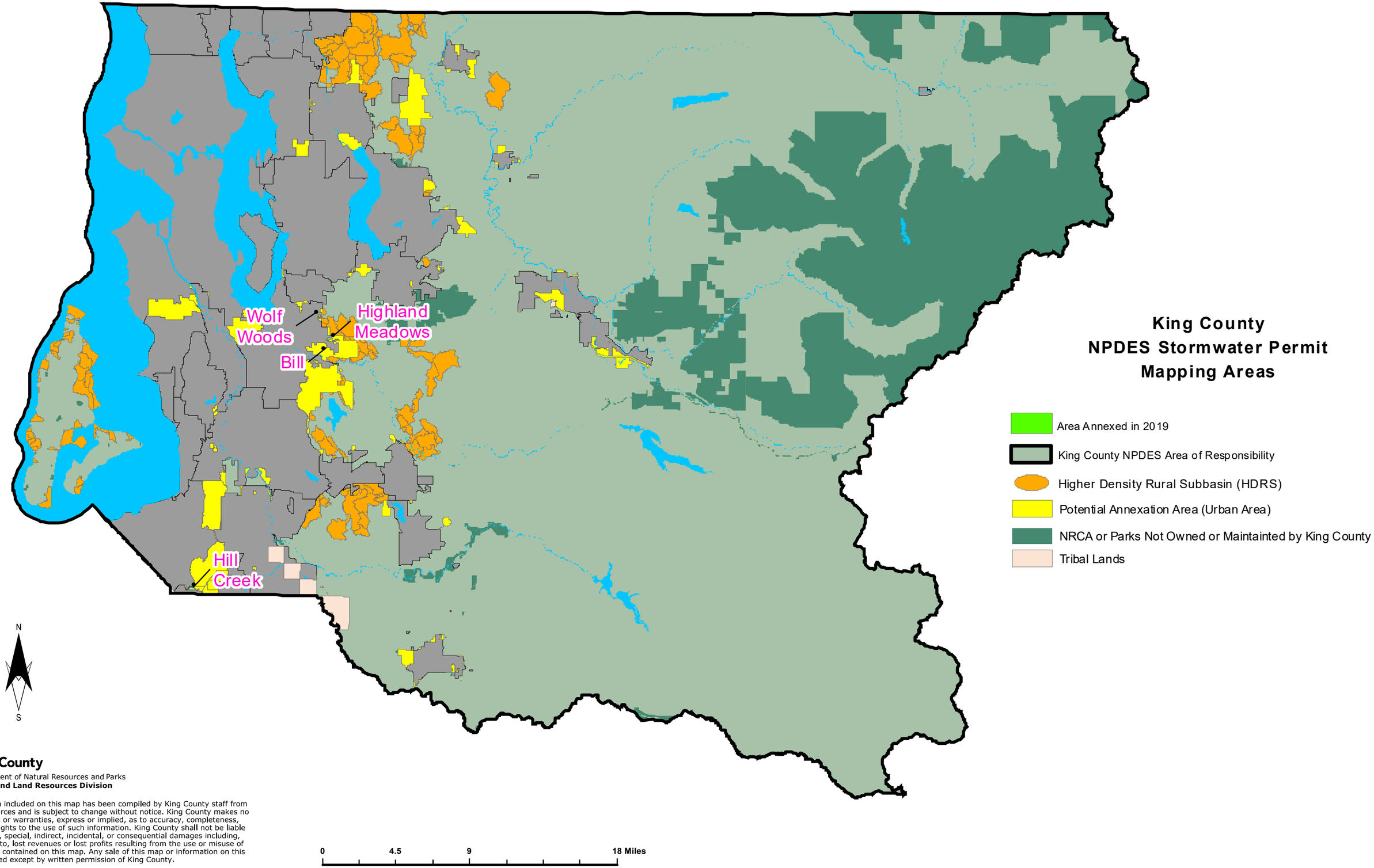
1 S9.D.6 Attach a notification of any annexations, incorporations or jurisdictional boundary changes



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Stormwater Management Program Plan

March 2020

King County

Department of Natural Resources and Parks
Water and Land Resources Division
Stormwater Services Section
King Street Center, KSC-NR-0600
201 South Jackson Street, Suite 600
Seattle, WA 98104
206-477-4800 TTY Relay: 711
www.kingcounty.gov/stormwater

Alternate Formats Available

206-477-4800 TTY Relay: 711

* All regulations cited in this document are from the 2019 Permit

Stormwater Management Program Plan 2020

(PERMIT NO. WAR044501)
The current permit took effect on August 1, 2019 and will expire on July 31, 2024.

King County
Department of
Natural Resources and Parks
Water and Land Resources Division

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List of Acronyms and Abbreviations

Airport	King County International Airport (KCIA), Airport Division
AKART	All Known, Available Reasonable methods of Treatment
APWA	American Public Works Association
BMP	Best management practice
CBIMP	Catch Basin Inspection and Maintenance Program
CESCL	Certified Erosion and Sediment Control Lead
CSP	Conveyance Screening Program
DES	Department of Executive Services
DNRP	Department of Natural Resources and Parks
Ecology	Washington State Department of Ecology
EPA	United States Environmental Protection Agency
ESA	Endangered Species Act
FMD	Facilities Management Division
GPS	Geographic Positioning System
GIS	Geographic Information System
IC	Illicit connection
IC/IDDE	Illicit Connection / Illicit Discharges Detection and Elimination
ID	Illicit discharges
KCC	King County Code
KCD	King Conservation District
KCIA	King County International Airport
DLS-PD	King County, Division of Local Services – Permits Division
LID	Low impact development
MEP	Maximum Extent Practicable
MIS	Maintenance Information System
MS4	Municipal separate storm sewer system
NPDES	National Pollutant Discharge Elimination System
ODDS	Outfall, Discharge point and Ditch Screening
ORI	Outfall Reconnaissance Inventory
Parks	Parks and Recreation Division
Permit	NPDES Phase I Municipal Stormwater Permit

* All regulations cited in this document are from the 2019 Permit

PGIS	Pollution Generating Impervious Surface
PGPS	Pollution Generating Pervious Surface
PHSKC	Public Health - Seattle & King County
PSSH	Puget Sound Starts Here
PSP	Puget Sound Partnership
ROADMAP	Regional Operations and Maintenance Program
Roads	Road Services Division
ROW	Right-of-Way
RSMP	Regional Stormwater Monitoring Program
SIMPLA	Site Management Plan
SMAP	Stormwater Management Action Plan
SPPM	Stormwater Pollution Prevention Manual
SPP	Stormwater Planning Program
SPPU	Strategy Policy and Performance Unit
STORM	Stormwater Outreach for Regional Municipalities
SWD	Solid Waste Division
SWDM	Surface Water Design Manual
SWG	Stormwater Work Group
SWMP	Stormwater Management Program
SWMP Plan	The documentation of the SWMP
SWPPP	Stormwater Pollution Prevention Plan
SWSS	Stormwater Services Section
TMDL	Total Maximum Daily Load
Transit	Transit Division
WAC	Washington Administrative Code
WLRD	Water and Land Resources Division
WQCU	Water Quality Compliance Unit
WRIA	Water Resource Inventory Area
WTD	Wastewater Treatment Division

King County Stormwater Program Overview

Stormwater Program Plan (SWMP) Overview

King County was issued the current Phase I Municipal permit which took effect on August 1, 2019 and will expire on July 31, 2024. King County invests significant time, resources and budget into the county's permit-required Stormwater Management Program (SWMP). The SWMP explains how King County plans to comply with the Phase I permit in 2020 through implementation of the permit components. This document demonstrates compliance with King County's Phase I Municipal Stormwater Permit (Permit No. WAR044501) section S5. Stormwater Management Program requirement S5. A. Specific requirement S5A. states:

> King County *shall implement a Stormwater Management Program (SWMP) during the term of this Permit. A SWMP is a set of actions and activities comprising the components listed in S5, and additional actions necessary, to meet the requirements of applicable TMDLs pursuant to S7 – Compliance with TMDL Requirements and S8 – Monitoring and Assessment.*
>
> 1. *The SWMP Plan shall be written to inform the public of the **planned SWMP activities for the upcoming calendar year,** and include a description of:*
> a. *Planned activities for each of the **program components** included in **S5.C.***
> b. *Any additional planned actions to meet the requirements of applicable **TMDLs** pursuant to S7 – Compliance with TMDL Requirements.*
> c. *Any additional planned actions to meet the requirements of **S8 – Monitoring and Assessment**.**
> 2. *Each Permittee shall track the cost or estimated cost of development and implementation of each component of the SWMP. This information shall be provided to Ecology upon request.*
> 3. Each Permittee shall track the number of inspections, follow-up actions as a result of inspections, official enforcement actions and types of public education activities as required by the respective program component. This information shall be included in the Annual Report.

King County's implementation of the SWMP covers discharges from the municipal separate storm sewer system (MS4) that is owned and operated by unincorporated King County and demonstrates compliance with the Phase I Municipal Stormwater NPDES Permit.

* All regulations cited in this document are from the 2019 Permit

Reporting Requirements

The section below describes the various reports to be submitted to Ecology to meet permit requirements:

Requirements	***Page***	***Due***
S5. STORMWATER MANAGEMENT PROGRAM *A.1. SWMP Plan*	*6*	*March 31st - Annual Report*
S5.C.4. Public Involvement and Participation *b. Each Permittee shall post on their website their SWMP Plan, and the Annual Report required under S9.A no later than May 31 each year.*	*10*	*May 31 - Website*
S9. REPORTING REQUIREMENTS *D. The Annual Report for Permittees listed in S1.B shall include the following:* *1. A copy of the Permittee's current SWMP Plan as required by S5.A.1.*	*48*	*March 31st - Annual Report*

* All regulations cited in this document are from the 2019 Permit

In most areas of King County, stormwater and wastewater are conveyed separately. Wastewater is routed to a treatment plant and stormwater typically flows directly into a receiving waters. Receiving waters can include stream, lakes, groundwater, wetlands, rivers and Puget Sound. While the *municipal* stormwater permit applies to most of unincorporated King County, some King County sites are covered by other types of NPDES permits.

Table - Other King County NPDES Permits

KC Agency	NPDES Permits Held	Location
Solid Waste Division (SWD)	Industrial Stormwater General Permit – current or pending	1. Cedar Hills Regional Landfill 2. Factoria Transfer Station 3. Houghton Transfer Station 4. Shoreline Transfer Station 5. Enumclaw Transfer Station 6. Algona Transfer Station 7. Vashon Transfer Station
King County International Airport	Industrial Stormwater Permit	
Local Services Roads (Roads)	Sand and Gravel General Permits	18 King County gravel pits
Metro Transit Division (Transit)	Industrial Stormwater General Permit	Regional bus facilities
Wastewater Treatment Division (WTD)	Individual NPDES Waste Discharge Permits Industrial Stormwater General Permit (ISGP)	WTD owns and operates five treatment plants. Stormwater on all of these plants is primarily managed under Individual Waste Discharge permits. ISGPs are in place for portions of two of the plants, and for a separate material processing facility.
Multiple Agencies	Construction Stormwater Permit	Construction projects that disturb one or more acres of land.

* All regulations cited in this document are from the 2019 Permit

Permit Overview

In 1995, coverage began for King County under National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Stormwater permits. The Washington State Department of Ecology (Ecology) issues and administers these permits in Washington State as a result of a delegation of Clean Water Act Authority from the Environmental Protection Agency (EPA). Municipal Stormwater Permits are issued to address the harmful effects of stormwater runoff from developed lands that is collected by and discharged from storm drain systems.

Update:

The County currently operates under the permit that was reissued on July 1, 2019, and became effective on August 1, 2019.

The 2019 Permit requires King County to develop and implement a Stormwater Management Program (SWMP) designed to minimize impacts caused by stormwater runoff. It also requires the County to document its stormwater management program in a Stormwater Management Program Plan (SWMP Plan).

The SWMP explains how King County plans to comply with the Phase I permit in 2020 through implementation of the permit components. This document demonstrates compliance with King County's Phase I Municipal Stormwater Permit (Permit No. WAR044501) section S5. Stormwater Management Program requirement S5. A.

* All regulations cited in this document are from the 2019 Permit

SWMP Plan Organization*

This SWMP Plan documents our compliance actions proposed for 2020. As required by the Permit, the SWMP Plan is updated annually to reflect changes in programs. It addresses the following permit requirements:

The SWMP Plan is organized to demonstrate compliance with the Permit requirements, with current and proposed actions into the following program components required by the Permit:

- Training
- Section 1 - S5.C1. Legal Authority
- Section 2 - S5.C2. MS4 Mapping and Documentation
- Section 3 - S5.C3. Coordination
- Section 4 - S5.C4. Public Involvement and Participation
- Section 5 - S5.C5. Controlling Runoff from New Development, Redevelopment, and Construction Sites
- Section 6 - S5.C6. Stormwater Planning
- Section 7 - S5.C7. Structural Stormwater Controls
- Section 8 - S5.C8. Source Control Program for Existing Development
- Section 9 - S5.C9. Illicit Connections and Illicit Discharges Detection and Elimination
- Section 10 - S5.C10. Operation and Maintenance Program
- Section 11 - S5.C11. Education and Outreach Program
- S7. Compliance with TMDL Requirements
- S8. Monitoring and Assessment
- Conclusion
- Appendix

Each section includes a table that summarizes the relevant Permit requirements and the corresponding planned and ongoing compliance activities for the upcoming calendar year.

* All regulations cited in this document are from the 2019 Permit

Training Program

King County training program is outlined below and contains all the requirements for training. These requirements are spread throughout the permit and have been consolidated into this section. Each county agency is responsible for ensuring that requisite training has be done by for the required staff. The table is organized by each responsible agency and its approach to training.

Permit Section	Requirement	Planned and Ongoing Activities
S5.C.5 Controlling Runoff from New Development, Redevelopment, and Construction Sites b. Site and subdivision scale requirements	*viii. Each Permittee shall ensure that all staff whose primary job duties are implementing the program to Control Stormwater Runoff from New Development, Redevelopment, and Construction Sites, including permitting, plan review, construction site inspections, and enforcement, are trained to conduct these activities. As determined necessary by the Permittee, follow-up training shall be provided to address changes in procedures, techniques or staffing.* *Permittees shall document and maintain records of the training provided and the staff trained.*	Training records are currently managed by **each agency**. These records are then uploaded to the stormwater classroom or maintained by the individual agency to ensure appropriate staff members are trained. This training is also meets the requirements of S5.C.9.e. Illicit Connections and Illicit Discharges Detection and Elimination training. **DLS-PD** Select positions in DLS-PD require CESCL training. This training is available through qualified vendors. **All other agencies** Select positions in all agencies require CESCL training. This training is available through qualified vendors.
S5.C.8 Source Control Program for Existing Development b. Minimum performance measures	*v. Permittees shall train staff who are responsible for implementing the Source Control Program to conduct these activities. The ongoing training program shall cover the legal authority for source control, source control BMPs and their proper application, inspection protocols, lessons learned, typical cases, and enforcement procedures. Follow-up training shall be provided as needed to address changes in procedures, techniques, requirements, or staff.* *Permittees shall document and maintain records of the training provided and the staff trained.*	King County has an ongoing training program for employees conducting source control work. SWSS, the primary agency implementing the source control program, trains staff and updates staff training as needed using both in-house training and field job shadowing. King County continues to update its list of employees, both existing and new, who require training under this section and addresses their training as they are identified. In addition, employees receive additional training through Ecology's Local Source Control Program.

* All regulations cited in this document are from the 2019 Permit

Permit Section	Requirement	Planned and Ongoing Activities
S5.C.9 Illicit Connections and Illicit Discharges Detection and Elimination - Field personnel training	c. Each Permittee shall implement an ongoing program designed to detect and identify non-stormwater discharges and illicit connections into the Permittee's MS4. *Permittees shall document and maintain records of the training provided and the staff trained.*	King County trains field personnel on the identification, investigation, termination, cleanup, and reporting of illicit discharges and illicit connections, as appropriate for their job duties. The County continues to review its programs and identify additional personnel that require this training. It also continues to assess the need for follow-up training as regulations, procedures, or personnel change. There are two types of trainings that King County performs to meet the requirements of this section – field personnel training and first responders training. Training records are uploaded to the Stormwater Classroom site or maintained by the individual agency.
		FMD Trains field personnel on general stormwater awareness, IC/IDDE and basic spill response for all the trades and janitorial staff using the KC web based stormwater classroom. Training records are uploaded to the Stormwater Classroom site.
		KCIA In addition to King County IC/IDDE training for employees; employees, tenants and operators at the King County International Airport (KCIA) receive annual spill response training, including procedures for notification, response and reporting, as well as preventative measures. Training records are uploaded to the Stormwater Classroom site or maintained in KCIA training files.
		DLS-PD Trains field personnel on IC/IDDE using the KC web based stormwater classroom. Training records are uploaded to the Stormwater Classroom site.
		Parks Trains field personnel on IC/IDDE using the KC web based stormwater classroom. Training records are uploaded to the Stormwater Classroom site.

* All regulations cited in this document are from the 2019 Permit

Permit Section	Requirement	Planned and Ongoing Activities
		PHSKC Trains field personnel on IC/IDDE using the KC web based stormwater classroom. Training records are uploaded to the Stormwater Classroom site.
		Roads Roads is the only agency that provides "first responder" spill response and participates actively in spill cleanup. Roads has developed customized hazardous waste and spill response ("first responder") training for personnel responding to spilled or illegally dumped materials. The training also includes guidelines for when an outside spill response contractor should be called in. Training records are uploaded to the Stormwater Classroom site.
		Sheriff Trains field personnel on IC/IDDE using the Sherriff's department on-line training program. This system also maintains records for the Sherriff's department.
		SWD Trains field personnel on IC/IDDE using in-house SWD training. Training records are uploaded to the Stormwater Classroom site.
		SWSS Trains field personnel on IC/IDDE using the KC web based stormwater classroom. Training records are uploaded to the Stormwater Classroom site.
		Transit Transit has developed customized hazardous waste and spill response training for personnel responding to spilled or illegally dumped materials. The training also includes guidelines for when an outside spill response contractor should be called in. Training records are uploaded to the Stormwater Classroom site.
		WTD Trains field personnel on IC/IDDE using the KC web based stormwater classroom. Training records are uploaded to the Stormwater Classroom site.

* All regulations cited in this document are from the 2019 Permit

Permit Section	Requirement	Planned and Ongoing Activities
- First Responders Training	*e. Permittees shall train staff who are responsible for identification, investigation, termination, cleanup, and reporting of illicit discharges, including spills and illicit connections, to conduct these activities.* *Permittees shall document and maintain records of the training provided and the staff trained.*	**KCIA** In addition to King County IC/IDDE training for employees; employees, tenants and operators at the King County International Airport (KCIA) receive annual spill response training, including procedures for notification, response and reporting, as well as preventative measures. Training records are uploaded to the Stormwater Classroom site or maintained in KCIA training files. **Roads** Roads has developed customized hazardous waste and spill response training for personnel responding to spilled or illegally dumped materials. The training also includes guidelines for when an outside spill response contractor should be called in. Training records are uploaded to the Stormwater Classroom site. **Transit** Transit has developed customized hazardous waste and spill response training for personnel responding to spilled or illegally dumped materials. The training also includes guidelines for when an outside spill response contractor should be called in. Training records are uploaded to the Stormwater Classroom site.
S5.C.10 Operation and Maintenance Program	*f. Implement an ongoing training program for employees of the Permittee who have primary construction, operations, or maintenance job functions that may impact stormwater quality. The training program shall address the importance of protecting water quality, operation and maintenance standards, inspection procedures, relevant SWPPPs, selecting appropriate BMPs, ways to perform their job activities to prevent or minimize impacts to water quality, and procedures for reporting water quality concerns. Follow-up training shall be provided as needed to address changes in procedures, techniques, requirements, or staffing. Permittees shall document and maintain records of the training*	**FMD** FMD has established a training program that focuses Trades that perform operations and maintenance work on building exteriors and grounds also receive training on the use of the SiMPla. Training records are uploaded to the Stormwater Classroom site. **KCIA** In addition to King County IC/IDDE training for employees; employees, tenants and operators at the King County International Airport (KCIA) receive annual spill response training, including procedures for notification, response and reporting, as well as preventative measures. Training records are uploaded to the Stormwater Classroom site or maintained in KCIA training files.

* All regulations cited in this document are from the 2019 Permit

Permit Section	Requirement	Planned and Ongoing Activities
	provided. The staff training records to be kept include dates, activities or course descriptions, names and positions of staff in attendance. *g. Implement a Stormwater Pollution Prevention Plan (SWPPP)..* *vi. A training plan for all personnel responsible for implementing any components of the SWPPP.* *Permittees shall document and maintain records of the training provided and the staff trained.*	**Roads** Training is tailored specifically for the operations and maintenance staff at Roads and addresses, among other subjects, stormwater pollution prevention, spill response, and aquifer protection. Training records are uploaded to the Stormwater Classroom site. In addition, Roads field crews participate in the Regional Road Maintenance ESA Program (RRMEP) training series (Track 1, 2 & 3). This training focuses on BMP practices, and uses maintenance guidelines, design criteria, and habitat requirements. These RRMEP training records are recorded in CityWorks. **WLR** SWSS conducts an ongoing review of County programs to identify activities and positions whose operations and maintenance activities could impact stormwater quality. Training records are currently managed by each agency. These trainings are hosted and tracked on a SharePoint based Stormwater Classroom webpage along with a library of records on individuals who have taken those trainings. Training records are uploaded to the Stormwater Classroom site

* All regulations cited in this document are from the 2019 Permit

Section 1 - Legal Authority (S5.C1.)

Legal Authority Program (S5.C1.)

Table 1 Legal Authority summarizes the requirements of Permit Special Condition S5.C1., and outlines the corresponding activities for the Program.

Table 1. Legal Authority Program

Permit Requirements	Planned and Ongoing Activities
1. Legal Authority Minimum performance measures: *a. Each Permittee shall be able to demonstrate that they can operate pursuant to legal authority which authorizes or enables the Permittee to control discharges to and from MS4s owned or operated by the Permittee.* *b. This legal authority, which may be a combination of statute, ordinance, permit, contracts, orders, interagency agreements, or similar means, shall authorize or enable the Permittee*	King County Code (KCC) Title 9.12 has been the code used for the County's water quality compliance program since 1992 and addresses S5.C.1.b.i through iii by prohibiting the discharge of contaminants into surface water, stormwater, or groundwater. The intent of this code is the: minimization or elimination of water quality degradation; preservation and enhancement of waters for recreation, fishing, and other beneficial uses; and preservation and enhancement of the aesthetic quality and biotic integrity of the water. The current code may be found at http://www.kingcounty.gov/council/legislation/kc_code/12_Title_9.aspx. KCC Title 9.12.045 through .080 authorizes implementation and enforcement of Title 9.12. KCC Title 23 provides supplementary authority for the implementation and enforcement of code. Title 23 may be found at http://www.kingcounty.gov/council/legislation/kc_code/32_Title_23.aspx. King County employees are authorized to carry out inspections, surveillance, and monitoring procedures necessary to determine compliance and non-compliance with permit conditions through KCC Title 9.12 and King County Board of Health code. These codes may be found at the following URLs: http://www.kingcounty.gov/council/legislation/kc_code/12_Title_9.aspx http://www.kingcounty.gov/healthservices/health/BOH/code.aspx King County Code (KCC) Title 16 contains KC's building and construction standards which includes clearing and grading permit requirements contained in the Phase I permit with the purpose of minimizing impacts of construction projects on the environment. https://www.kingcounty.gov/council/legislation/kc_code/19_Title_16.aspx

* All regulations cited in this document are from the 2019 Permit

Section 2 - Legal Authority (S5.C2.)

MS4 Mapping and Documentation Program (S5.C2.)

Table 2 MS4 Mapping and Documentation Program summarizes the requirements of Permit Special Condition S5.C2., and outlines the corresponding activities for the Program.

Table 2. MS4 Mapping and Documentation Program

Permit Requirements	Planned and Ongoing Activities
The SWMP shall include an ongoing program for mapping and documenting the MS4. ***Minimum performance measures:*** *a. Ongoing Mapping. Each Permittee shall maintain mapping data for the features listed below.*	King County has mapped tributary conveyances to all known outfalls and discharge points have been mapped within the urban/higher density rural sub-basins. A map of these basins appears in Appendix A. Ongoing mapping continues to improve spatial coverage and data review improves overall data quality. King County runs a program that identifies new connections to the MS4 through the building permit records process at DLS-PD. The permit review requires submittal of electronic copies of newly constructed drainage systems that will be turned over to King County post-construction. Private connections allowed under new permits are manually added to the County's MS4 mapping data set by SWSS personnel. KC has centralizing all of its mapping information into on a single database. Any capital or maintenance activities conducted by county agencies that change the character of the MS4 are reported to SWSS to be included in the central database.
b. New Mapping. *i. No later than January 1, 2020, begin to collect size and material for all known MS4 outfalls during normal course of business (e.g. during field screening, inspection, or maintenance) and update records.*	i. King County will have a program that will collect size and material for all known MS4 outfalls during normal course of business.
ii. No later than August 1, 2023, complete mapping of all known connections from the MS4 to a privately-owned stormwater system.	ii. Discharges to private systems have been and will continue to be mapped in the course of the mapping of the MS4.
iii. No later than December 31, 2023, counties shall complete	iii. King County will continue to map rural subbasins that have not been currently mapped to meet the August 1, 2023 deadline. The approach used to map the remaining rural subbasins will be a combination of office analysis

* All regulations cited in this document are from the 2019 Permit

Permit Requirements	Planned and Ongoing Activities
mapping tributary conveyances, as described in S5.C.2.a.v, for 50% of the areas outside the previously mapped urban/higher density rural sub-basins.	and field mapping. The County has been central in developing and implementing regional standards for stormwater mapping programs and is continuing to pilot programs with other jurisdictions which lead to a regional map of the regional MS4 system.
c. The required format for mapping is electronic with fully described mapping standards *d. To the extent consistent with national security laws and directives, each Permittee shall make available to Ecology, upon request, available maps ...* *e. Upon request, and to the extent appropriate, Permittees shall provide mapping information to federally recognized Indian Tribes, municipalities, and other Permittees.*	The County is prepared to respond appropriately to any mapping requests. Requests should be addressed to: Douglas Navetski, Stormwater Services Environmental Programs Managing Supervisor, Water and Land Resources Division, 201 South Jackson Street, Suite 600, Seattle, WA 98104-3855, or by e-mail at Doug.Navetski@kingcounty.gov.

Section 3 - Coordination (S5.C3.)

Coordination (S5.C3.)

Table 3 Legal Authority summarizes the requirements of Permit Special Condition S5.C3 and outlines the corresponding activities for the Program.

Table 3. Coordination Program

Permit Requirements	Planned and Ongoing Activities
The SWMP shall include coordination mechanisms among departments within each jurisdiction to eliminate barriers to compliance with the terms of this Permit. The SWMP shall also include coordination mechanisms among entities covered under a municipal stormwater NPDES permit to encourage coordinated stormwater-related policies, programs, and projects within a watershed. Permittees shall document their efforts to establish the required coordination mechanisms. *a. Update, if needed, and implement an intra-governmental (internal) coordination agreement(s) or Executive Directive(s) to facilitate compliance with the terms of this Permit.* *Due no later than March 31, 2020*	An order, signed by County Executive Dow Constantine, establishes the mechanism by which the various entities of County government participate in permit compliance. The order that originally took effect November 20, 2007 was superseded by a new order on June 10, 2014, which is still in effect, and may be read at the following website: http://www.kingcounty.gov/about/policies/executive/utilitiesaeo/put8191aeo.aspx. As directed by Executive Order, King County designated a Municipal Permit Coordinator for the County and a Municipal Permit Lead in **each agency** subject to the requirements of the Permit. The Coordinator and Leads coordinate compliance activities, and together ensure that **each agency** understands the implications of the Permit requirements on their operations. The Coordinator and Leads collaborate on development of standardized approaches to permit compliance. Permit deliverables, such as the Annual Report and SWMP Plan, are prepared by the Coordinator with support from the Leads. The Permit Leads, Program Managers and the permit coordinator meet regularly to discuss, train, schedule, implement and resolve impediments to permit requirements.

* All regulations cited in this document are from the 2019 Permit

Permit Requirements	Planned and Ongoing Activities
b. The SWMP shall include, when needed, coordination mechanisms among entities covered under a municipal stormwater NPDES permit to encourage coordinated stormwater-related policies, programs and projects within adjoining or shared areas	King County is instrumental in convening, supporting, and participating in numerous regional forums that develop and implement collaborative stormwater management programs. King County plays an important role in the following forums: 1. Stormwater Outreach for Regional Municipalities (STORM) 2. Regional Operations And Maintenance Program (ROADMAP) 3. The Regional Phase I and II Permit Coordinators Forums 4. The Stormwater Managers Committee of the Washington State Chapter of the American Public Works Association (APWA) 5. Ecology's Water Quality Partnership 6. Stormwater Work Group (SWG)/ Stormwater Action Monitoring (SAM) 7. Puget Sound Partnership 8. Salmon Recovery forums in Water Resource Inventory Areas (WRIAs) 7, 8 and 9, and 10. 9. Inter-Agency Team (TMDL implementation) 10. Issue specific committees such as the Nutrient Forum The participation and relationships established within these groups form the basis for the timely coordination mechanisms and coordinated activities required by the Permit.

* All regulations cited in this document are from the 2019 Permit

Section 4 - Public Involvement and Participation (S5.C4.)

Public Involvement and Participation (S5.C4.)

Table 4 Public Involvement and Participation summarizes the requirements of Permit Special Condition S5.C4., and outlines the corresponding activities for the Program.

Table 4. Public Involvement and Participation Program

Permit Requirements	Planned and Ongoing Activities
Permittees shall provide ongoing opportunities for public involvement and participation in the Permittee's SWMP and implementation priorities. *a. Permittees shall create opportunities for the public, including overburdened communities, to participate in the decision-making processes involving the development, implementation, and update of the Permittee's SWMP and SMAP (SMAP applies to counties).*	As part of the annual update process, King County invites public comment on the contents of the SWMP Plan. King County will advertise the comment period through its website at www.kingcounty.gov/environment/wlr/sections-programs/stormwater-services-section/stormwater-program/public-review.aspx , and through social media. All feedback received during the public comment period will be reviewed and considered prior to finalization of the SWMP Plan. In addition to input received during the SWMP Plan public comment period, King County welcomes feedback year round. Comments may be emailed to Stormwater@kingcounty.gov or mailed to: Stormwater Management Team, King County Dept. of Natural Resources and Parks, 601 S. Jackson St., Suite 600, Seattle, WA 98104. King County also engages the public in decision-making processes when it comes to siting, construction, and maintenance of County-initiated capital projects.
b. Each Permittee shall post on their website their SWMP Plan, and the Annual Report required under S9.A no later than May 31 each year.	King County will post on the King County website the Final SWMP Plan, and the Annual Report required under S9.A no later than May 31st each year at www.kingcounty.gov/environment/wlr/sections-programs/stormwater-services-section/stormwater-program/public-review.aspx . Other submittals related to the Municipal Permit are available upon request by sending an email to Stormwater@kingcounty.gov.

* All regulations cited in this document are from the 2019 Permit

Section 5 - Controlling Runoff from New Development, Redevelopment, and Construction Sites (S5.C5.)

Controlling Runoff from New Development, Redevelopment, and Construction Sites (S5.C5.)

Table 5 Legal Authority summarizes the requirements of Permit Special Condition S5.C5., and outlines the corresponding activities for the Program.

Table 5. Controlling Runoff from New Development, Redevelopment, and Construction Sites Program

Permit Requirements	Planned and Ongoing Activities
The SWMP shall include a program to prevent and control the impacts of runoff from new development, redevelopment, and construction activities. The program shall apply to private and public development, including transportation projects. ***Minimum performance measures:*** *a. Each Permittee shall continue to implement existing programs approved under the 2013 Phase I Municipal Stormwater Permit until the program required in S5.C.5.b.iv applies. The program required in S5.C.5.b.iv applies to applications2 submitted prior to July 1, 2021, which have not started construction by July 1, 2026 …* *iii. For King County, applications submitted prior to* ***April 24, 2016****, which have not started construction* ***by July 1, 2021.***	Current codes and rules are set forth in the following list: KCC 9.04 Surface Water Runoff Policy http://www.kingcounty.gov/council/legislation/kc_code/12_Title_9.aspx KCC 9.08 Water Quality http://www.kingcounty.gov/council/legislation/kc_code/12_Title_9.aspx KCC 16.82 Clearing and grading http://www.kingcounty.gov/council/legislation/kc_code/19_Title_16.aspx KCC 21A.24 Critical Areas http://www.kingcounty.gov/council/legislation/kc_code/24_30_Title_21A.aspx 2016 King County SWDM http://www.kingcounty.gov/environment/waterandland/stormwater/documents/surface-water-design-manual.aspx 2016 King County SPPM: http://www.kingcounty.gov/environment/waterandland/stormwater/documents/pollution-prevention-manual.aspx To meet the requirements of the 2013 Permit, modifications were made to the SWDM, SPPM and relevant documents. These enforceable requirements, technical standards and manuals were determined to be equivalent to the 2012 and 2014 Stormwater Management Manuals for Western Washington by Ecology and were adopted on 4/24/2016. King County will continue the implementation of existing programs developed under the 2013 Phase I Municipal Stormwater Permit until the program required in S5.C.5.b.iv.

* All regulations cited in this document are from the 2019 Permit

b. Site and subdivision scale requirements	See section above
*iv. No later **than July 1, 2021**, each Permittee shall adopt and make effective a local program that meets the requirements in S5.C.5.b.i through ii, above. Manuals and ordinances approved under this Section will be listed in Appendix 10, Part 3, following a permit modification.*	KC will be updating its manual codes and rules in 2020. King County will adopt and make effective a local program that meets the requirements in S5.C.5.b.i through ii, above. Manuals and ordinances approved under this Section will be listed in Appendix 10, Part 3, following a permit modification.
viii. Each Permittee shall ensure that all staff whose primary job duties are implementing the program to Control Stormwater Runoff from New Development, Redevelopment, and Construction Sites, including permitting, plan review, construction site inspections, and enforcement, are trained …	**DLS-PD** See Training Program - Page 12

Section 6 - Stormwater Planning (S5.C6.)

Stormwater Planning Program (S5.C6.)

Table 6 Legal Authority summarizes the requirements of Permit Special Condition S5.C6., and outlines the corresponding activities for the Program.

Table 6. Stormwater Planning Program

Permit Requirements	Planned and Ongoing Activities
Each Permittee shall implement a Stormwater Planning program to inform and assist in the development of policies and strategies as water quality management tools to protect receiving waters. *a. By August 1, 2020, each Permittee shall convene an inter-disciplinary team to inform and assist in the development, progress, and influence of this program.*	King County has created a new planning unit, the Strategic Policy and Performance Unit (SPPU) to implement King County's Stormwater Planning Program (SPP). This unit is dedicated to inform and assist in the development of policies and strategies as water quality management tools to protect receiving waters. The SPPU is the inter-disciplinary team that will inform and assist in the development, progress, and influence of the SPP. This team, made up of members of this unit within the Stormwater Services Section, is developing this plan. The SPP will be made up of at least two parts: 1. The Strategic / Operational Plan for Stormwater Services and 2. The King County Stormwater Master Plan that will include appropriate King County agencies and external partners (e.g. other jurisdictions). This plan will be a 10 year plan.
b. Coordination with long-range plan updates. *i. Each Permittee shall describe how stormwater management needs and protection / improvement of receiving water health are (or are not) informing the planning update processes and influencing policies and implementation strategies in their jurisdiction. The reporting shall describe the water quality and watershed protection policies, strategies, codes, and other measures intended*	King County's SPP will coordinate with long-range plan updates will include how stormwater management needs and protection/improvement of receiving water health are (or are not) informing the planning update processes and influencing policies and implementation strategies in their jurisdiction. This set of plans will describe the water quality and watershed protection policies, strategies, codes, and other measures intended to protect and improve local receiving water health through planning, or taking into account stormwater management needs or limitations. As required King County will provide this set of plans by March 31, 2021.

* All regulations cited in this document are from the 2019 Permit

c. Low impact development code-related requirements	KC will continue to require LID Principles and LID BMPs when updating, revising, and developing new King County codes, rules, standards, or other enforceable documents, as needed. These update will continue to make LID the preferred and commonly-used approach to site development. King County's development-related codes, rules, standards, or other enforceable documents are be designed to minimize impervious surfaces, native vegetation loss, and stormwater runoff in all types of development situations, where feasible. Annually, King County will assess and document any newly identified administrative or regulatory barriers to implementation of LID Principles or LID BMPs since local codes were updated in accordance with the 2013 Permit, and the measures developed to address the barriers. If applicable, documentation will also describe mechanisms adopted to encourage or require implementation of LID Principles or LID BMPs.
d. Stormwater Management Action Planning *Due no later than December 31, 2022*	No later than December 31, 2022, King County will develop a Stormwater Management Action Plan (SMAP) for a single sub-basin or catchment area located within the geographic areas for which watershed-scale stormwater plans were developed in the 2013 Permit.

* All regulations cited in this document are from the 2019 Permit

Section 7 - Structural Stormwater Controls (S5.C7.)

Structural Stormwater Controls Program (S5.C7.)

Table 7. Structural Stormwater Controls Program summarizes the requirements of Permit Special Condition S5.C7., and outlines the corresponding activities for the Program.

Table 7. Structural Stormwater Controls Program

Permit Requirements	Planned and Ongoing Activities
Each Permittee shall implement a Structural Stormwater Control Program to prevent or reduce impacts to waters of the State caused by discharges from the MS4. Impacts that shall be addressed include disturbances to watershed hydrology and stormwater pollutant discharges. *a. The program shall address impacts that are not adequately controlled by the other required actions of the SWMP.*	King County will implement a Structural Stormwater Control Program to prevent or reduce impacts to waters of the State caused by discharges from the MS4. Impacts that will be addressed include disturbances to watershed hydrology and stormwater pollutant discharges. King County's program will consider impacts caused by stormwater discharges from areas of existing development; including runoff from highways, streets and roads owned or operated by KC; and areas of new development, where impacts are anticipated as development occurs. a. The program will address impacts that are not adequately controlled by the other required actions of the SWMP. The program will include new flow control facilities, new treatment (or treatment and flow control) facilities, new LID BMPs, retrofit of existing treatment and/or flow control facilities, property acquisition for water quality and/or flow control benefits, maintenance with capital construction costs ≥ $25,000 as well as restoration of riparian buffers, restoration of forest cover, floodplain reconnection projects on water bodies that are not flow control exempt per Appendix 1 and permanent removal of impervious surfaces.
b. Each Permittee's SWMP Plan shall describe the Structural Stormwater Control Program	See Appendix D for a program description that addresses each of the components listed above.
c. With each Annual Report, each Permittee shall provide a list of planned, individual projects scheduled for implementation during this Permit term for the purpose of meeting S5.C.7.d. per Appendix 12.	Appendix D of King County's SWMP Plan contains King County's list of anticipated projects scheduled for implementation during the current Permit term. The list is formatted consistent with Appendix 12 of the Permit. This list will be updated annually and updates will be submitted to Ecology as part of the County's Annual Report.

* All regulations cited in this document are from the 2019 Permit

Section 8 - Source Control Program for Existing Development (S5.C8.)

Source Control Program for Existing Development Program (S5.C8.)

Table 8 Source Control Program for Existing Development Program summarizes the requirements of Permit Special Condition S5.C8., and outlines the corresponding activities for the Program.

Table 8. Source Control Program for Existing Development Program

Permit Requirements	Planned and Ongoing Activities
a. The Permittee shall implement a program to reduce pollutants in runoff from areas that discharge to the MS4.	King County identifies multifamily, commercial, and industrial sites that are potentially pollutant generating. On identified sites, the Business Inspection Program inspects structural and operational BMPs and onsite conveyance systems to ensure that the appropriate operational and structural source control BMPs are employed and properly maintained. If BMPs are lacking and/or inadequate, verbal and/or written notice is provided along with technical assistance, detailing what must be done to achieve compliance. Failure to comply will trigger progressive enforcement. The authority to issue written notices and enforce their contents is found in KCC Chapter 9.12. The County's Stormwater Pollution Prevention Manual (SPPM), various King County websites, and King County public outreach efforts all encourage the elimination or reduction of pesticides, herbicides and fertilizers. The SPPM will be updated to include the new changes in the 2019 Stormwater Management Manual for Western Washington and to add additional BMPs.
b. Minimum performance measures: *i. Permittees shall enforce ordinance(s), or other enforceable documents, requiring the application of source control BMPs for pollutant generating sources associated with existing land uses and activities.* *Permittees shall update and make effective the ordinance(s), or other enforceable documents, as necessary to meet the requirements of this Section no later than August 1, 2021.*	King County uses KCC Chapter 9 and the SPPM to enforce the application of source control BMPs. The SPPM identifies potentially polluting activities at residential, commercial and industrial sites and the operational, structural, and/or treatment BMPs required to prevent pollutants from entering surface water, stormwater, and/or groundwater. The update to the Source Control enforcement program was implemented in 2018, and included changes to the King County Code and a Public Rule describing how penalties are calculated. Several enforcement actions with penalties have been conducted and procedures are being developed on how to spend the money per the requirement of the King County Code which stipulates that the money be used for the protection of surface water, stormwater or groundwater, through education or other implementation procedures determined by the director.

* All regulations cited in this document are from the 2019 Permit

Permit Requirements	Planned and Ongoing Activities
ii. Permittees shall implement a program to identify publicly and privately owned institutional, commercial, and industrial sites which have the potential to generate pollutants to the MS4. The Permittee shall update the inventory at least once every 5 years.	SWSS developed an inventory of the land uses/businesses using the categories found in Appendix 8 of the Permit. King County has implemented an approach to develop the inventory list to meet this permit requirement. This approach is detailed in Appendix E. King County uses a combination of historical inspection and complaint records, information available through the King County Department of Assessments, map review, and field inspections to determine potential pollutant generating sites within unincorporated King County. Properties within the unincorporated area that are owned by the County and have the potential to produce pollutants are included in this inventory. The inventory is updated annually. With the implementation of new software in 2019, as the inventory is entered into the system, businesses have been rated according to compliance history and potential to pollute. This rating is used to determine inspection frequency, resulting in businesses with a higher risk and/or poor compliance history being inspected on a more frequent basis.
iii. Permittees shall implement an inspection program for sites identified pursuant to S5.C.8.b.ii, above. *(a) All identified sites with a business address shall be provided, by mail, telephone, electronic communications, or in-person information about activities that may generate pollutants and the source control requirements applicable to those activities. This information may be provided all at one time or spread out over the permit term to allow for some tailoring and distribution of the information during site inspections.*	a) Information about activities that may generate pollutants and the source control requirements applicable to those activities are provided in person during a site inspection, or if no one is present, by mail. This provides the benefit of customizing the information provided to the needs of each particular site. This information is also available on King County's website at http://www.kingcounty.gov/environment/waterandland/stormwater/documents/pollution-prevention-manual.aspx.

Permit Requirements	Planned and Ongoing Activities
(b) The Permittee shall annually complete the number of inspections equal to 20% of the businesses and/or sites listed in their source control inventory to assess BMP effectiveness and compliance with source control requirements. The Permittee may count follow up compliance inspections at the same site toward the 20% inspection rate. The Permittee may select which sites to inspect each year and is not required to inspect 100% of sites over a 5-year period. Sites may be prioritized for inspection based on their land use category, potential for pollution generation, proximity to receiving waters, or to address an identified pollution problem within a specific geographic area or sub-basin.	b) The business inventory for 2020 is approximately 1,500, at least 20% of which will be inspected. Annexations may occur within King County over the next few years. Combined with the addition of new businesses and the closing of other businesses, there is some uncertainty about the number of businesses in unincorporated King County from year to year. The number of sites under this program will be in constant flux, requiring annual analysis to determine the 20 percent inspection goal.
(c) Each Permittee shall inspect 100% of sites identified through credible complaints.	*c) Each Permittee shall inspect 100% of sites identified through credible complaints.*
(d) Permittees may count inspections conducted based on complaints, or when the property owner denies entry, to the 20% inspection rate.	

Permit Requirements	Planned and Ongoing Activities
iv. Each Permittee shall implement a progressive enforcement policy to require sites to come into compliance with stormwater requirements within a reasonable time period …	The procedures for progressive enforcement include the issuance of a detailed Corrective Action Letter that specifies both what must be done to come into compliance and the deadline for doing it. King County personnel work with property owners, tenants, and business operators to help them achieve compliance. The assistance may include additional site visits, bringing in outside resources such as vouchers for hazardous waste disposal and storage, facilitating conversations between property owners and tenants, providing written materials, posting BMP signs, or phone calls and emails. When compliance is achieved, a Compliance Letter is sent. King County makes every effort to bring facilities into compliance using site audits and technical assistance but in the very rare instance where compliance is not achieved, notices of violation are issued and additional enforcement action taken. Additionally, commercial sites are denied a discount on their SWM fee if source control BMPs are not implemented and if the onsite stormwater system is not properly maintained. See Appendix E: Progressive Enforcement Process for an overview of King County's approach to progressive enforcement. Records of inspection results, site photos, correspondence, etc., are all kept in paper and electronic formats. There are activity logs for each site, which document inspections dates, contacts, illicit connections, referrals to other agencies, etc.
v. Permittees shall train staff who are responsible for implementing the Source Control Program to conduct these activities.	See Training Program - Page 12

Section 9 - Illicit Connections and Illicit Discharges Detection and Elimination (S5.C9.)

Illicit Connections and Illicit Discharges Detection and Elimination Program (S5.C9.)

Table 9 Illicit Connections and Illicit Discharges Detection and Elimination Program summarizes the requirements of Permit Special Condition S5.C1., and outlines the corresponding activities for the Program.

Table 9. Illicit Connections and Illicit Discharges Detection and Elimination Program

Permit Requirements	Planned and Ongoing Activities
The SWMP shall include an ongoing program designed to prevent, detect, characterize, trace, and eliminate illicit connections and illicit discharges into the MS4. Minimum performance measures: *a. The program shall include procedures for reporting and correcting or removing illicit connections, spills, and other illicit discharges when they are suspected or identified.*	King County achieves compliance with S5.C.9 through implementation of the programs described in this section. KC has an ongoing program designed to prevent, detect, characterize, trace, and eliminate illicit connections and illicit discharges into the MS4. a. The program shall include procedures for reporting and correcting or removing illicit connections, spills, and other illicit discharges when they are suspected or identified.
b. Permittees shall continue to implement an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges, including spills, into the Permittee's MS4.	b. KC Title 9 continue to implement an ordinance or other regulatory mechanism to effectively prohibit non-stormwater, illicit discharges, including spills, into the Permittee's MS4. King County is meeting permit requirements S5.C.5.a.i. and S5.C.5.a.ii, and achieves equivalency with Ecology's 2012 Stormwater Management Manual for Western Washington as Amended in December 2014 by adopting and implementing the regulations and rules listed below: 1. King County Code Chapter 9.04 and Chapter 9.12 as amended by Ordinance 18257, adopted on March 15, 2016. 2. King County Code Chapter 16.82 3. 2016 Surface Water Design Manual, including appendices and references, adopted by Public Rule PUT 8-3-5 on March 25, 2016 and effective April 24, 2016. 4. 2016 Stormwater Pollution Prevention Manual, adopted by Public Rule PUT 8-8-3 on March 25, 2016 and effective April 24, 2016.

* All regulations cited in this document are from the 2019 Permit

Permit Requirements	Planned and Ongoing Activities
	As well as codes listed in Appendix 10.
c. Each Permittee shall implement an ongoing program designed to detect and identify non-stormwater discharges and illicit connections into the Permittee's MS4. d. Each Permittee shall implement an ongoing program designed to address illicit discharges, including spills and illicit connections, into the Permittee's MS4.	c. / d. **SWSS** will conduct a Conveyance Screening Program (CSP) in 2020 to check known stormwater outfalls and other system connections for dry weather flow and other evidence of non-permitted substances, using these as indicators of possible illicit discharge. At least 12 percent of known, mapped locations where stormwater leaves the County's MS4 will be inspected for evidence of illicit connections/illicit discharges (IC/ID) under the CSP program. MS4 locations identified for further investigation will trigger follow-up *in situ* field screening to further assess the likelihood of IC/ID. In 2020, the CSP will include heavy emphasis in the Puyallup-White River, Bear/Evans Creek and Issaquah Creek drainage basins, folding into the SWSS's planned work in these FC TMDL basins.
	Roads Will conduct its annual Catch Basin Inspection and Maintenance Program (CBIMP). Roads plans to inspect 100 percent of known, mapped catch basins on an annual basis. While implementing CBIMP, Roads staff will actively look for evidence of IC/ID and will record whether or not such evidence is observed. Catch basins identified for further investigation will trigger follow-up in situ field screening to assess further the likelihood of IC/ID. **WTD** WTD has a relatively small number of properties with stormwater conveyances in their facility inventory. WTD uses in-house capacity and training to conduct spill response activities for most commonly-occurring spills (for example, vehicular fluids or paint). WTD requires its contractors to provide construction stormwater management.
	Citizen reports are received by the County in a number of ways. • Roads 24-hour hotline at 477-8100 or 800-KCROADS • SWSS Water Quality hotline at 206-477-4811 • Illegal Dumping Hotline 206-296-SITE or 866-431-7483 • DLS-PD inspector contact information posted on signage at each development/redevelopment project site in unincorporated King County that is permitted by DLS-PD • Illegal Dumping web form at http://your.kingcounty.gov/solidwaste/cleanup/report-dumping.asp • Online report form for drainage and water quality problems at http://www.kingcounty.gov/environment/waterandland/stormwater/problem-investigation-line/report-form.aspx • Direct contact between King County staff and a member of the public. Referrals from other King County Departments/Divisions/Agencies.

Permit Requirements	Planned and Ongoing Activities
e. Permittees shall train staff who are responsible for identification, investigation, termination, cleanup, and reporting of illicit discharges, including spills and illicit connections, to conduct these activities. ….	See Training Program - Page 12
f. Each Permittee shall either participate in a regional emergency response program, or develop and implement procedures to investigate and respond to spills and improper disposal into the MS4 owned or operated by the Permittee. *g. Recordkeeping: Each Permittee shall track and maintain records of the activities conducted to meet the requirements of this Section.*	King County will continue ongoing awareness and coordination among King County agencies around proper response, tracking, and reporting of spills and improper disposal into King County's MS4. As appropriate, spills and other select Incidents are reported to Ecology's Environmental Report Tracking System database. **KCIA** Airport tracks and maintains spill and IC/ID records for incidents occurring at the KCIA.
	PHSKC Maintains a proprietary database designed for public health agencies that maintains records of inspections, complaints, responses and enforcement actions.
	Roads Tracks and maintains electronic and/or paper copies of IDDE records. Electronic IDDE records are compiled in an asset management database linked to Cityworks; paper records are compiled in various internal tracking forms maintained by Environmental Unit staff. These include forms and records specific to the spill response program, catch basin inspection records, and drainage evaluation records.
	SWD Solid Waste Division is working to update existing Emergency Response Plans in 2020.
	SWSS Currently maintains tracking programs, including a complaint tracker and water quality compliance tracker that track responses, findings, and enforcement actions. In 2020 SWSS will use Cityworks for these tools.
	Transit Transit's Environmental Compliance Office maintains electronic spreadsheets detailing fleet-related spills, conveyance system IDDE inspections, and employee training.

Section 10 - Operation and Maintenance Program (S5.C10.)

Operation and Maintenance Program (S5.C10.)

Table 10 Operation and Maintenance Program summarizes the requirements of Permit Special Condition S5.C10., and outlines the corresponding activities for the Program.

Table 10. Operation and Maintenance Program

Permit Requirements	Planned and Ongoing Activities
Each Permittee shall implement and document a program to regulate maintenance activities and to conduct maintenance activities by the Permittee to prevent or reduce stormwater impacts. *a. Maintenance Standards. Each Permittee shall implement maintenance standards …* i. The purpose of the maintenance standard is to determine if maintenance is required. *ii. Unless there are circumstances beyond the Permittee's control, … maintenance shall be performed:* *(a) Within 1 year for typical maintenance of facilities, except catch basins.* *(b) Within 6 months for catch basins.* *(c) Within 2 years for maintenance that requires capital construction of less than $25,000.*	The 2016 SWDM sets forth the maintenance standards for stormwater facilities in King County per KCC 9.04. King County published its first SWDM in 1990 and revisions and updates have occurred since then as new facility features are developed or standards change. To comply with S5.C.9.a, King County updated the SWDM and related codes to include maintenance standards for LID BMPs, effective as of April 24, 2016. KC will be updating its manual codes and rules in 2020. Maintenance of stormwater treatment and flow control BMPs/facilities (facilities) is typically initiated by one of the following inspections: • Inspections of facilities regulated by King County are conducted according to the description under S5.C.9.b, below. • Inspections of facilities owned or operated by King County are conducted according to the description under S5.C.9.c, below. • Privately owned facilities are inspected every other year by King County. In alternating years, King County requires facility owners to conduct self-certified inspections. When any of the inspections referenced above identify an exceedance of a function-critical maintenance standard requiring typical maintenance, that maintenance is conducted within the one year timeline allowed by the Permit. If the maintenance is more substantial and requires capital funds, up to $25,000, the facility is added to the Facility Remediation Program and the maintenance is completed within the two-year timeline allowed by the Permit. Catch basins owned or operated by King County are inspected according to the description under S5.C.9.d, below. When a catch basin inspection identifies an exceedance of a function-critical maintenance standard, (i.e. one that has the potential to negatively impact water quality), that maintenance is conducted within the six-month timeline allowed by the Permit. As development and redevelopment projects add increasing numbers of different types of BMPs to the County's stormwater infrastructure inventory, King County will be responsible for inspecting and/or maintaining more and more non-traditional stormwater controls. As new types of bmps come on line the County will develop maintenance standards and adaptively manage

* All regulations cited in this document are from the 2019 Permit

Permit Requirements	Planned and Ongoing Activities
	its approach to inspection and maintenance of LID BMPs. Each will have its own section below.
b. Maintenance of stormwater facilities regulated by the Permittee *i. Each Permittee shall evaluate and, if necessary, update existing ordinances or other enforceable documents requiring maintenance of all stormwater treatment and flow control BMPs/facilities regulated …* *ii. Each Permittee shall implement an on-going inspection program to annually inspect all stormwater treatment and flow control BMPs/facilities regulated …* *iii. Compliance with the inspection requirements of S5.C.10.b.ii, above, shall be determined by the presence of an established inspection program …. and achieving at least 80% of required inspections.* *iv. The Permittee shall require cleaning of catch basins*	**SWSS** The following King County Codes authorize King County personnel to inspect and require maintenance of stormwater facilities. • KCC 9.04.050 states that "Maintenance of all drainage facilities in compliance with King County maintenance standards is the responsibility of the applicant or property owner as described in the Surface Water Design Manual, except those facilities for which King County assumes maintenance and operation as described in K.C.C 9.04.115 and 9.04.120 and the Surface Water Design Manual". • KCC 9.12.140 gives the director authorization to "make such inspections and take all actions that may be required to enforce this chapter". Additionally, developers are required to record easements and covenants providing the County with right-of-entry and inspection of private drainage and stormwater control systems. Private facilities regulated by King County are inspected per Permit requirements. Inspections are generally conducted between July and October. In any given year, half of the private commercial facility inventory is visited by an inspector to confirm full compliance based on the maintenance standards in the SWDM. The other half of the private commercial facilities regulated by King County complete a self-certified inspection in which they confirm full functionality of all facilities on their property. For those properties with a history of consistent compliance, the inspection frequency may be reduced based on maintenance records. Catch basins regulated by the permittee are inspected and determined if maintenance is required. If any deficiencies are discovered, a Maintenance Correction Letter is sent, giving the property owner sufficient time to correct the problem before the end of the year. The property owner notifies SWSS when the work has been

Permit Requirements	Planned and Ongoing Activities
regulated by the Permittee .. if out of compliance …	completed. Extensions may be granted if circumstances warrant and permit timelines can accommodate the extension. Progressive enforcement will be used when maintenance is not completed within the timelines specified by the County. See Appendix E: Progressive Enforcement Process for an overview of King County's approach to progressive enforcement.
c. Maintenance of stormwater facilities owned or operated by the Permittee *i. Each Permittee shall implement a program to annually inspect all stormwater treatment and flow control BMPs/facilities owned or operated by the Permittee.* *ii. Each Permittee shall implement a program to conduct spot checks of potentially damaged stormwater treatment and flow control BMPs/facilities after major storm events* *iii. Compliance with the inspection requirements of S5.C.10.c.i, and ii, above, shall be determined by … achieving at least 95% of required inspections.*	King County owned or operated facilities fall into two general categories: residential facilities serving subdivisions and facilities associated with County properties. Roads / Parks **SWSS** is responsible for inspecting and maintaining approximately 1,100 county-owned facilities in unincorporated King County and cities with which the County contracts. As with private facilities, county-owned facilities with consistent compliance may be eligible for a phased inspection schedule. **SWSS** uses **Roads** crews and vendor contractors to perform facility maintenance. Field inspection data for these facilities are entered into CityWorks from which the Roads crew supervisor accesses and assigns the work to be completed within the permit allotted time. Inspectors also identify noxious weed removal needs and capital repairs or corrections, if needed. Additionally, citizen complaints may warrant a site inspection to identify corrections. The maximum duration between inspections is three years, but problem sites may require annual inspections and maintenance. ii. Spot inspections conducted after large rain events are performed by SWSS for private and public facilities. The respective **custodial agencies** conduct spot inspections and focus on the areas of greatest rainfall intensity based on rain gauge data. King County targets 100 percent of the facilities owned or operated by King County and at least 95 percent of required inspections are completed annually. **SWD** stores compliance maintenance actions in FASTER and FASTER WIN. Cleaning as identified by inspection and within the permit requirements. **Transit** 100 % inspection is the annual goal for stormwater facilities. Cleaning as identified by inspection and within the permit requirements. **WTD** N/A. All facilities are covered by other permit requirements and maintained per requirements.

* All regulations cited in this document are from the 2019 Permit

Permit Requirements	Planned and Ongoing Activities
d. Maintenance of Catch Basins Owned or Operated by the Permittee *i. Each Permittee shall annually inspect all catch basins and inlets owned or operated by the Permittee* *(c) The Permittee may clean all pipes, ditches, catch basins, and inlets within a circuit once during the permit term. Circuits selected for this alternative shall drain to a single point.* *iii. Compliance with the inspection requirements of S5.C.10.d.i, above, shall be determined by … achieving at least 95% of required inspection*s.	**Each custodial agency** within King County is responsible for the inspection and maintenance of their respective properties and associated stormwater assets. All maintenance needs identified through inspections are addressed within the timelines established in this section. **FMD** **FMD** each has a relatively small number of catch basins (typically less than 500) in their facility inventory. The agency inspects 100 % of their catch basin inventory at least annually, with a very limited number on a modified more frequent schedule, and conduct maintenance on those that fail to meet the maintenance standards found in the SWDM. **KCIA** **KCIA** To address maintenance challenges related to operating an airport, **KCIA** uses an alternative approach due to several airport operation challenges, which is in accordance with the requirements in this section. **KCIA** performs enhanced daily mechanical sweeping of paved areas. It has established east, west, and central catch basin cleaning activity circuits and cleans all pipes, ditches, catch basins, and inlets in each circuit once during the permit term. The alternative cleaning schedule repeats every three years. Each circuit drains to a single point. Results of annual stormwater facility inspections, annual IC/IDDE inspections, and daily pavement sweeping show that this frequency is optimal. **KCIA** also performs these activities in compliance with its Industrial Stormwater General Permit (ISGP) requirements. ISGP SWPPP requirements include monthly facility inspections, quarterly stormwater discharge monitoring and reporting, corrective actions, training, and annual reporting. Oil water separators at the **KCIA** are maintained weekly. Catch basins are also cleaned on an as-needed basis in accordance with the Airport's Spill Response Policy and the occurrence of construction activities. The **KCIA** tenants are required to clean their catch basins and sweep as well. **Parks** Parks has a relatively small number of catch basins (typically less than 700) in their facility inventory. The agency inspects 100 % of their catch basin inventory at least annually, with a very limited number on a more frequent modified schedule, and conduct maintenance on those that fail to meet the maintenance standards found in the SWDM.

Permit Requirements	Planned and Ongoing Activities
	Roads Roads carries the largest catch basin inventory. Roads inspects 100% of the mapped catch basins within Roads ownership. This program is implementing via an electronic asset management database linked to Cityworks. The program includes annual staff training, completion of inspection checklists, data input into a geospatial database, data quality assurance/quality control, work order generation, requisite maintenance, and documentation of maintenance activities. **SWD** **SWD** has a relatively small number of catch basins (typically less than 500) in their facility inventory. SWD inspects 100 % of their catch basin inventory at least annually, with a very limited number on a more frequent modified schedule, and conduct maintenance on those that fail to meet the maintenance standards found in the SWDM. **WTD** WTD has a relatively small number of catch basins (about 200) in their facility inventory. **WTD** inspects the majority of the catch basins annually, with a very limited number on a more frequent modified schedule. Catch basin cleaning and maintenance are conducted on those that fail to meet the maintenance standards found in the SWDM. **Transit** 100 % inspection is the annual goal for catch basin cleaning. Where line cleaning has been done per ISGP requirements, inspection may be less frequent. Cleaning per inspection and within 6 months.
d. ii. The disposal of decant water shall be in accordance with the requirements in Appendix 6 – Street Waste Disposal.	**Roads** operates a regional stormwater decant station in Renton and satellite decant stations at three other maintenance facilities run by Roads. Decant solids and liquids are transferred to the Renton facility for proper disposal. Transit operates its own decant station at one of its Tukwila properties. These decant stations are a key element in the disposal of stormwater removed from the County's MS4 during catch basin cleaning activities. All stormwater accepted at these decant stations is disposed of through the sanitary sewer.

Permit Requirements	Planned and Ongoing Activities
e. Each Permittee shall implement practices, policies, and procedures to reduce stormwater impacts associated with runoff from all lands owned or maintained by the Permittee, and road maintenance activities under the functional control of the Permittee. No later than December 31, 2022, document the practices, policies, and procedures. Lands owned or maintained by the Permittee include, but are not limited to: parking lots, streets, roads, highways, buildings, parks, open space, road right-of-way, maintenance yards, and stormwater treatment and flow control BMPs/facilities.	The County has established practices for reducing stormwater impacts associated with runoff from parking lots, streets, roads, and highways owned, maintained, or operated by the County. **Custodial agencies** are responsible for developing an inventory of their properties, and developing and implementing an inspection and maintenance program. The 2012 SiMPla (Site Management Plan), issued to the **County's custodial agencies,** is used as the minimum standard for operations and maintenance of properties owned or maintained by King County. SiMPla website was developed at http://www.kingcounty.gov/environment/waterandland/stormwater/documents/site-management-plan.aspx to allow for easy navigation and access to the document and its contents. The 2012 document includes sections of the following: • the Regional Road Maintenance ESA Program Guidelines, • the draft Maintenance Performance Standards (King County Department of Transportation, 2008), • the Draft Stormwater Management Manual for Western Washington (Ecology, 2011) • the SPPM (DNRP, 2009), and • the Integrated Pest Management Program guidelines (Department of Executive Services, 2012). King County properties under other NPDES stormwater permits have SWPPPs (see S5.C10.g. SWPPPS and Table - Other King County NPDES Permits), which are used instead of the SiMPla.
f. Implement an ongoing training program for employees of the Permittee who have primary construction, operations, or maintenance job functions that may impact stormwater quality.	See Training Program - Page 12

Permit Requirements	Planned and Ongoing Activities
g. Implement a Stormwater Pollution Prevention Plan (SWPPP) for all heavy equipment maintenance or storage yards, and material storage facilities owned or operated by the Permittee in areas subject to this Permit that are not required to have coverage under … another NPDES permit that authorizes stormwater discharges associated with the activity.	Properties owned by King County were evaluated and those that required municipal SWPPPS had SWPPPs created in the last permit cycle. Properties that have existing SWPPPs continued to implement these SWPPPs. SWPPPs will be updated according to new requirements in section i. through vi. as listed below by December 31, 2022 by the individual **Agencies** who manage the properties: i. A detailed description of the operational and structural BMPs in use at the facility and a schedule for implementation of additional BMPs … ii. Annual inspections of the facility … iii. An inventory of the materials and equipment stored on-site, and the activities conducted at the facility, which may be exposed to precipitation or runoff and could result in stormwater pollution. iv. A site map showing the facility's stormwater drainage, discharge points, and areas of potential pollutant exposure. v. A plan for preventing and responding to spills at the facility … The need for SWPPPs at King County properties will continue to be evaluated by the individual **Agencies** who manage the properties and by SWSS.
h. Maintain records of the activities conducted to meet the requirements of this Section.	Stormwater-related inspection and maintenance programs exist in several **King County agencies**, each with their own record-keeping systems. **All agencies** conducting inspections or maintenance activities per permit requirements will continue to track those actions and maintain those records for a period of no less than five years.

Section 11 - Education and Outreach Program (S5.C11.)

Education and Outreach Program (S5.C11.)

Table 11 Education and Outreach Program summarizes the requirements of Permit Special Condition S5.C11., and outlines the corresponding activities for the Program.

Table 11. Education and Outreach Program

Permit Requirements	Planned and Ongoing Activities
The SWMP shall include an education and outreach program designed to: • *Build general **awareness** about methods to address and reduce stormwater runoff.* • *Effect **behavior change** to reduce or eliminate behaviors and practices that cause or contribute to adverse stormwater impacts.* • *Create **stewardship opportunities** that encourages community engagement in addressing the impacts from stormwater runoff.* ***Minimum performance measures:*** *a. Each Permittee shall implement an education and outreach program for the area served by the MS4.* *i. General awareness* *ii. Behavior change* *iii. No later than July 1, 2020, each Permittee*	**Awareness** In 2020 King County will participate in STORM (Stormwater Outreach for Regional Municipalities) the regional consortium that supports outreach projects in response to permit requirements. King County continues to serve on STORM's Steering, Campaign, and Measurement committees. Regional NPDES Phase I and Phase II partners and King County rely on STORM to share resources and efforts on outreach with other Puget Sound municipalities. King County facilitates working together as a region, underwriting training to build capacity for outreach to cities and counties to expand our combined reach and effectiveness using tested water quality information. STORM's reach beyond jurisdictional boundaries also provides greater impact in delivering information to new and mobile audiences. KC will continue to host, update, and maintain online assets. KC will continue grant management for the STORM NEP grant to support regional capacity. KC manages the NEP grant for Puget Sound Starts Here on behalf of regional teams. Funding - Identify a long-term funding source to continue development and implementation of Don't Drip and Drive as a model behavior change program. STORM will continue to develop project materials and toolkits. These materials are in the Reservoir at www.pugetsoundstormgroup.org/. This is a member's only site, designed by and for permittees, new users request and account. Nonmembers may download PDFs but not access editing, uploading or reporting tools. **Behavior Change** In 2020 King County will continue additional engagement efforts including updating the Puget Sound Starts Here (PSSH) and Natural Yard Care websites. King County continues to support and participate in Puget Sound Starts Here Month. King County will continue its partnership with STORM members to distribute Chinook Book apps as incentives and to reward clean water best practices and behavior change. STORM uses the app in online advertising to feature PSSH brand, messaging and practices.

* All regulations cited in this document are from the 2019 Permit

Permit Requirements	Planned and Ongoing Activities
shall conduct a new evaluation …	SWSS will continue to promote stormwater practices in 2020 through Natural Yard Care workshops and Stormwater Etiquette videos for businesses and residents. These programs alter stormwater impacts through awareness and **behavior changes** (yard and lawn care, pet waste, car washing, LID practices, vehicle leaks, etc.). **Stewardship Opportunities** King County continues to support the ECO Net partner's activities (www.kingcoeconet.org/) that help provide **stewardship opportunities** and share clean water messaging like PSSH. King County projects that offer outreach and steward ship opportunities for 2020 are described in Appendix F. KC under writes or partners on research, training and outreach for overburdened communities. Also see Appendix F.
b. Each Permittee shall provide and advertise stewardship opportunities and/or partner with existing organizations (including non-permittees) to encourage residents to participate …	King County will continue To support **stewardship** activism, King County offers incentives for nonprofits and schools to promote water quality practices. SWSS also underwrites an ongoing partnership with the ECO Net nonprofit network, sharing training and capacity building with that organization and STORM in an effort to improve environmental engagement and communications. King County also supports stewardship by supporting volunteer monitoring of water quality in about two dozen small lakes in unincorporated King County, and promoting best practices to protect lake health. SWSS will continue applying Equity and Social Justice practices to project planning and outreach. Also see Appendix F.
iii. No later than July 1, 2020, each Permittee shall conduct a new evaluation of the effectiveness of the ongoing behavior change program (required under S5.C.10.a.ii of the 2013 Permit). Permittees shall document lessons learned and recommendations for which option to select from S5.C.11.a.iv.	No later than July 1, 2020, King County will conduct a new evaluation of the effectiveness of the ongoing behavior change program (required under S5.C.10.a.ii of the 2013 Permit) and will document lessons learned and recommendations for which option to select from S5.C.11.a.iv. Also see Appendix F.

S7. Compliance with TMDLs

S7. Compliance with TMDLs Program (S7.)

Table S7. Compliance with TMDLs Program summarizes the requirements of Permit section S7. Compliance with TMDLs, and outlines the corresponding activities for the Program.

Table S7. Compliance with TMDLs Program

Permit Requirements	Planned and Ongoing Activities
The following requirements apply if an applicable Total Maximum Daily Load (TMDL) is approved for stormwater discharges from MS4s owned or operated by the Permittee.	The King County S7. Compliance with TMDLs Program will implement this section by:
A. For applicable TMDLs listed in Appendix 2, affected Permittees shall comply with the specific requirements identified in Appendix 2. Each Permittee shall keep records of all actions …	A. King County has kept and continues to keeping records of all actions required by this Permit that are relevant to applicable TMDLs within their jurisdiction. The status of the TMDL implementation shall be included as part of the Annual Report submitted to Ecology. Each Annual Report shall include a summary of relevant SWMP and Appendix 2 activities conducted in the TMDL area to address the applicable TMDL parameter(s). See Specific Actions below for a summary of actions.
B. For applicable TMDLs not listed in Appendix 2, compliance with this Permit shall constitute compliance with those TMDLs.	B. For applicable TMDLs not listed in Appendix 2, compliance with this Permit shall constitute compliance with those TMDLs. See Specific Actions below for a summary of actions.
Specific Actions	
WRIA 8 - Bear-Evans Watershed Action Required • *Install and maintain animal waste education and/or collection stations at municipal parks and other Permittee owned and operated lands reasonably expected to have substantial domestic animal (dog and horse) use and the*	For the Bear-Evans FC TMDL requirements regarding animal waste education and/or collection stations at municipal parks and other county owned and operated lands. Before 2023, some additional inventorying of these will be done. For the most part this requirement was previously met under the 2013-2019 permit. IDDE Field Screening for Bacteria Sources: SWSS is implementing a new 5-year "micro-basin"-oriented FC TMDL approach, as presented in our fecal coliform TMDL standard operating procedures (SOP) document. This SOP was written in late 2019 by SWSS staff, and approved for implementation by SWSS management. Under this new SOP, a 5-year work plan—including a detailed work plan for 2020--has been written for Bear-Evans basin and will be updated each successive year as

Permit Requirements	Planned and Ongoing Activities
potential for pollution of stormwater. • *Designate previously unscreened areas discharging via the MS4 to the TMDL area as high priority areas for illicit discharge detection and elimination. Complete IDDE field screening for bacteria sources in these areas, including rural MS4 sub-basins, by January 1, 2022, and implement the schedules and activities identified in S5.C.9 of the Phase I Permit for response to any illicit discharges found.*	needed. The 5-year approach necessitates planning be done each year for that part of the basin which will be focused on in that particular year. SWSS plans to conduct this work beyond the imposed permit requirement deadline of January 1, 2022, in the interest of increasing the probability of finding illicit discharges.
WRIA 8 - Cottage Lake Action Required *King County shall apply phosphorus control treatment requirements to new and redevelopment projects, as applicable, throughout the Cottage Lake watershed, including all tributaries to Cottage Lake. King County's Department of Permitting and Environmental Review (DLS-PD) shall not rely on the quarter mile/15 percent distance downstream clause in King County's Surface Water Design Manual.*	Cottage Lake and areas draining to it are part of a Sensitive Lake Treatment Area. These areas are designated by King County in the watersheds of lakes that have a combination of water quality characteristics and watershed development potential that makes them particularly prone to eutrophication induced by development. New and redevelopment projects in these Sensitive Areas trigger a Core 8 (water quality) requirement and must provide a water quality facility for target surfaces defined on page 1-68 of the 2016 SWDM from the Sensitive Lake Treatment Menu with a goal of 50 percent annual average total phosphorus removal, assuming typical concentrations in urban runoff. Some projects in the basin, even if they need a permit, could be exempt from Core 8 if certain Pollution Generating Impervious Surface/Pollution Generating Pervious Surface (PGIS/PGPS) thresholds are not met (see Exemption from Core 8 on page 1-69 of the 2016 SWDM).
WRIA 8 - Issaquah Creek Basin Water Cleanup Plan for Fecal Coliform Bacteria ***Action Required*** • *Install and maintain animal waste education and/or collection stations at municipal parks and other*	For the Issaquah Creek FC TMDL requirements regarding animal waste education and/or collection stations at municipal parks and other county owned and operated lands, in some future year before 2023, some additional inventorying of these will be done. For the most part this requirement was previously met under the 2013-2019 permit. IDDE Field Screening for Bacteria Sources: SWSS is implementing a new 5-year "micro-basin"-oriented FC TMDL approach, as presented in our fecal coliform TMDL standard operating procedures (SOP) document. This SOP was written in late 2019 by SWSS staff, and approved for implementation by SWSS management. Under this new

Permit Requirements	Planned and Ongoing Activities
Permittee owned and operated lands reasonably expected to have substantial domestic animal (dog and horse) use and the potential for pollution of stormwater. • *Designate previously unscreened areas discharging via MS4 to the TMDL area as high priority areas for illicit discharge detection and elimination. Complete IDDE field screening for bacteria sources in these areas, including rural MS4 sub-basins, by January 1, 2023, and implement the schedules and activities identified in S5.C.9 of the Phase I Permit for response to any illicit discharges found.*	SOP, a 5-year work plan—including a detailed work plan for 2020--has been written for the Issaquah Creek basin and will be updated each successive year as needed. The 5-year approach necessitates planning be done each year for that part of the basin which will be focused on in that particular year. SWSS plans to conduct this work beyond the imposed permit requirement deadline of January 1, 2023, in the interest of increasing the probability of finding illicit discharges such as failing septic systems.
WRIA 10 - Puyallup *Watershed Water Quality Improvement Project* • *When conducting IDDE-related field screening under S5.C.9 of the Phase I Permit, King County shall screen for bacteria sources in any MS4 sub-basins which discharge to surface waters in the TMDL area. Implement the schedules and activities identified in S5.C.9 of the Phase I Permit for response to any illicit discharges found.* • *King County shall inspect commercial animal handling areas and commercial composting facilities to ensure implementation*	IDDE Field Screening for Bacteria Sources: SWSS is implementing a new 5-year "micro-basin"-oriented FC TMDL approach, as presented in our fecal coliform TMDL standard operating procedures (SOP) document. This SOP was written in late 2019 by SWSS staff, and approved for implementation by SWSS management. Under this new SOP, a 5-year work plan—including a detailed work plan for 2020--has been written for the Puyallup-White basin and will be updated each successive year as needed. The 5-year approach necessitates planning be done each year for that part of the basin which will be focused on in that particular year. It is noted here that the geographic area of the Puyallup-White FC TMDL in the 2019-2024 Permit has been expanded beyond the geographic area identified in the 2013-2019 Permit. There are no commercial animal handling facilities or commercial composting facilities in the Puyallup-White basin with SIC codes 074 and 075 to King County's knowledge at time of writing.

* All regulations cited in this document are from the 2019 Permit

Permit Requirements	Planned and Ongoing Activities
of source control BMPs for bacteria. Commercial animal handling areas are associated with Standard Industrial Code (SIC) 074 and 075 and include veterinary and pet care/boarding services, animal slaughtering, and support activities for animal production. Facilities	

S8. Monitoring and Assessment

Monitoring and Assessment (S8.)

Table S8. Monitoring and Assessment Program summarizes the requirements of Permit section S8. Monitoring and Assessment, and outlines the corresponding activities for the Program.

S8. Monitoring and Assessment Program

Permit Requirements	Planned and Ongoing Activities
A. Regional Status and Trends Monitoring *B. Stormwater Management Program Effectiveness and Source Identification Studies*	King County's chosen options for compliance with Phase I Permit requirement S8. Monitoring and Assessment due no later than December 1, 2019. Options chosen: • **Regional Status and Trends Monitoring** - Option #a. (S8.A.2.a) *a. Make annual payments into a collective fund to implement regional receiving water status and trends monitoring of small streams and marine nearshore areas in Puget Sound. The annual payments into the collective fund are due on or before August 15 each year beginning in 2020. Submit payments according to Section S8.D.* • **Stormwater Management Program Effectiveness and Source Identification Studies –** Option # a. (S8.B.2.a) *a. Make annual payments into a collective fund to implement effectiveness and source identification studies. The annual payments into the collective fund are due on or before August 15 each year beginning in 2020. Submit payments according to Section S8.D.* As such, King County is agreeing to pay into a collective fund to implement the above programs.

* All regulations cited in this document are from the 2019 Permit

Conclusion and Contact Information

The 2020 SWMP Plan describes the actions and activities that King County plans to implement over the coming year to manage stormwater to protect the land and waterscapes it affects. Central to that effort is internal coordination among all King County agencies subject to Permit requirements (see Section 3 - Coordination (S5.C3.). This coordination mechanism successfully engages staff from several agencies and minimizes barriers to achieving Permit compliance.

King County is committed to implementing the programs described herein and recognizes that doing so contributes to two very important objectives:

- Protection of King County's waters and lands so its citizens can enjoy them safely today and for generations to come; and,
- Compliance with the County's NPDES Phase I Municipal Stormwater Permit.

The SWMP Plan is a living document that will updated continually as circumstances change. The SWMP plan will be updated annually throughout the Permit term to reflect changes in the County's approach to stormwater management and Permit compliance. King County will continue to invite the public to participate in the decision making processes regarding the County's SWMP. For more information on participation opportunities, see Section 4 - Public Involvement and Participation (S5.C4.) of this plan.

Questions about the County's SWMP should be directed to the:

Stormwater Management Team

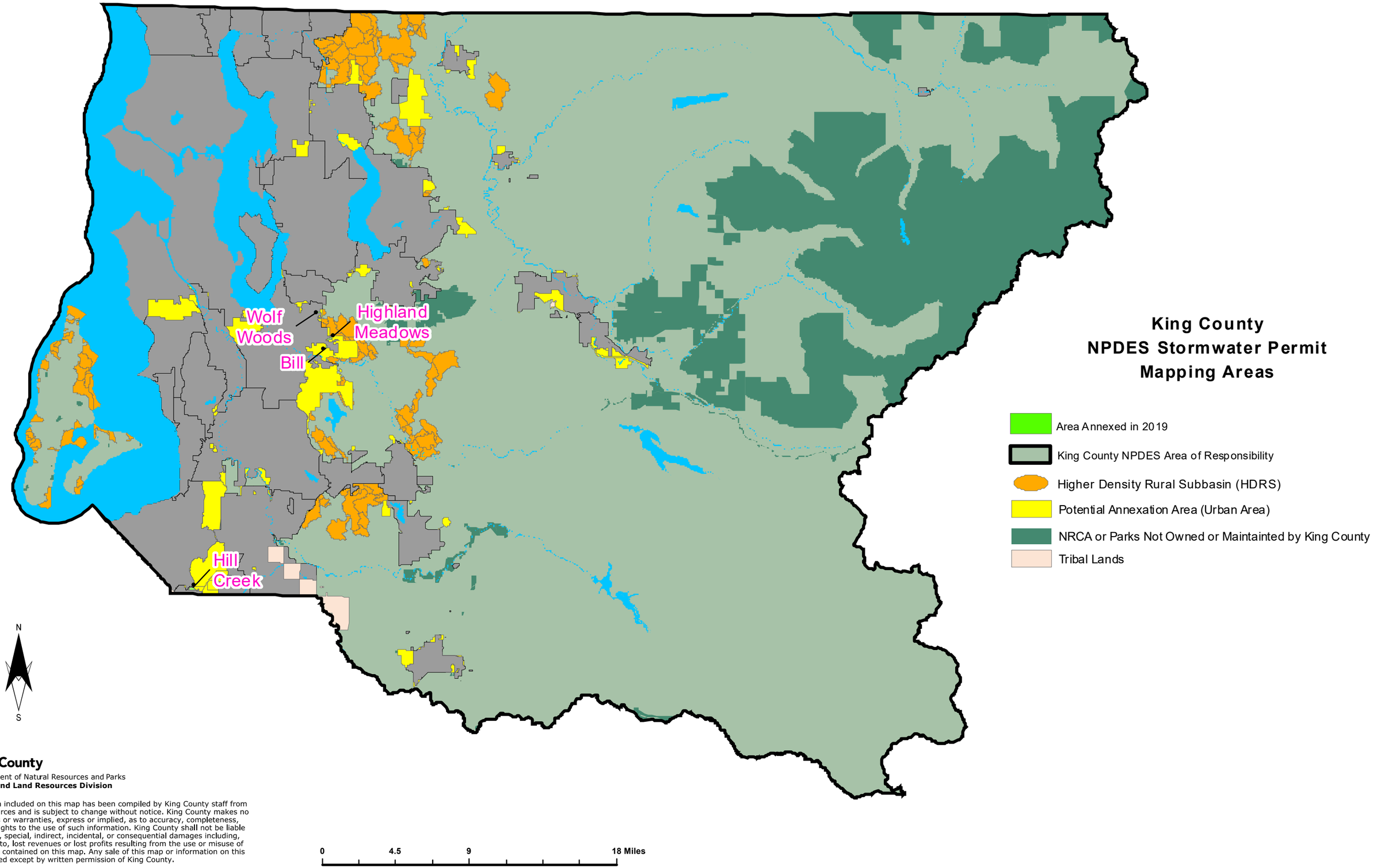
King County Department of Natural Resources and Parks

201 South Jackson Street, Suite 600 Seattle, WA 98104

Stormwater@kingcounty.gov

Appendix

Appendix A: Map of King County Urban/Higher Density Rural Subbasins



King County
Department of Natural Resources and Parks
Water and Land Resources Division

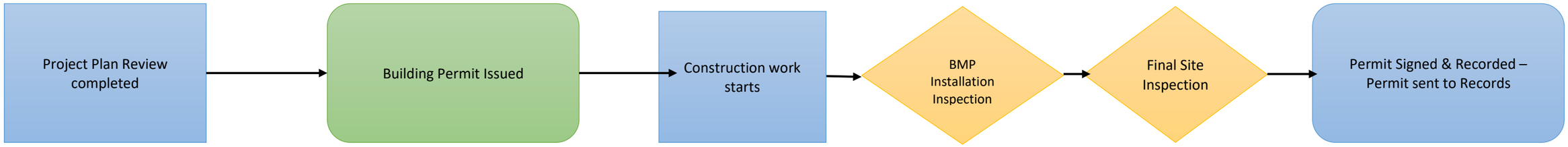
The information included on this map has been compiled by King County staff from a variety of sources and is subject to change without notice. King County makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. King County shall not be liable for any general, special, indirect, incidental, or consequential damages including, but not limited to, lost revenues or lost profits resulting from the use or misuse of the information contained on this map. Any sale of this map or information on this map is prohibited except by written permission of King County.

1/9/2020, G:\SWS_Cityworks\SR4361\Appx_A_StormwaterPermit_AnnualReport_Annexations_2019.mxd

Appendix B: King County DLS-PD Process flow charts

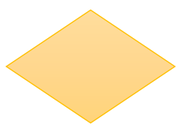
Appendix B: Site Inspection Process* Flowchart

Residential



Legend:

Process

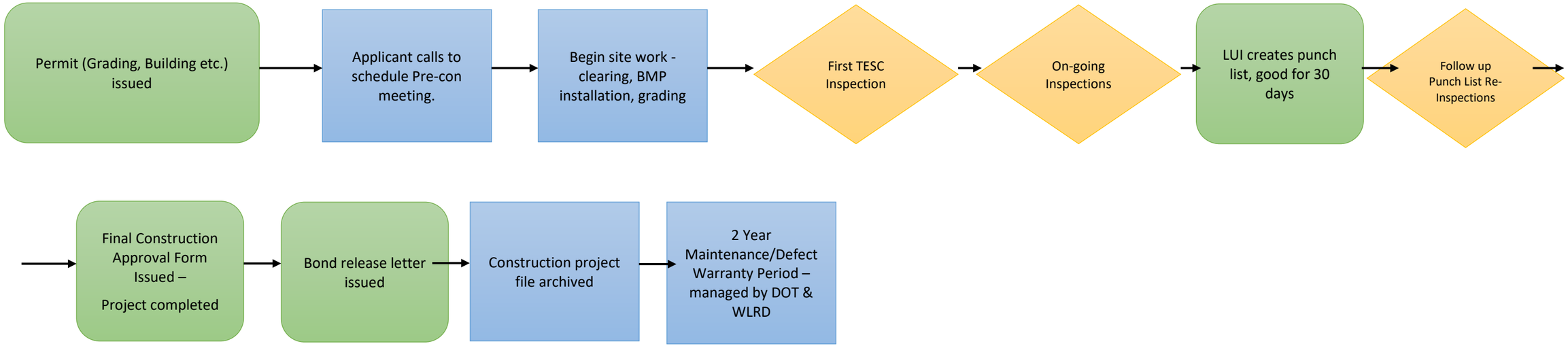


Inspection

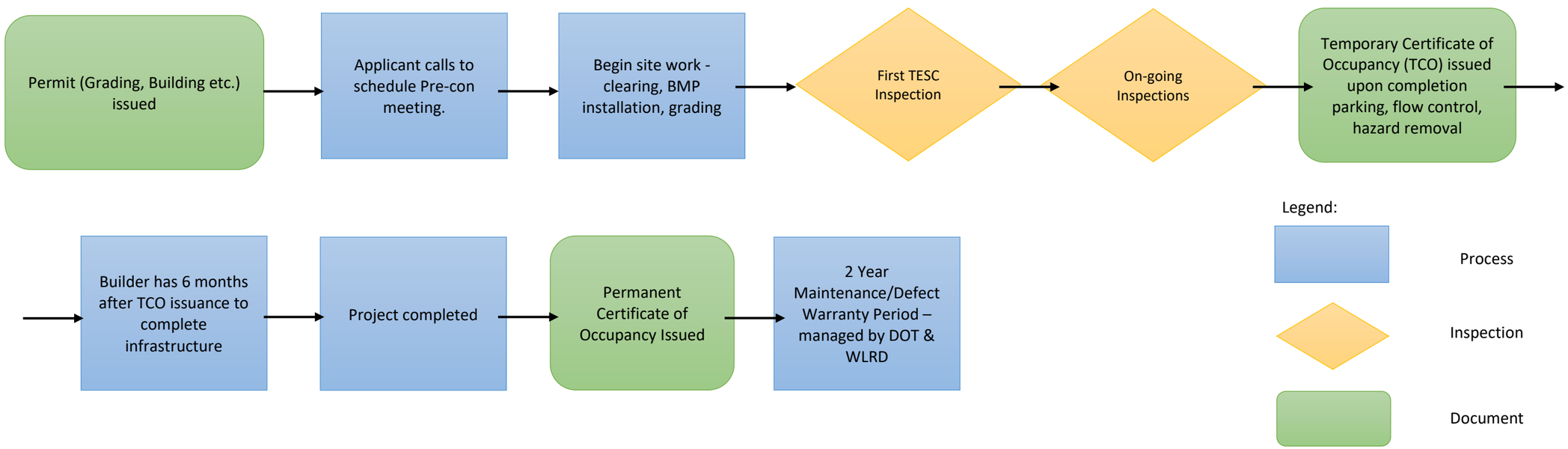
Document

*Process outlined above reflects only those steps of residential development process related to site conditions inspection process.

Infrastructure Construction



Commercial Construction



*Process outlined above reflects only those steps of residential development process related to site conditions inspection process.

https://kc1-portal2.sharepoint.com/WaterAndLand/MuniPermit/Annual Report Documents/2019 Annual Report Files/2020_0205_2020_SWMP_FINAL_Draft.docx

Appendix C: C.6 Stormwater Planning

Place holder. In development. Stormwater Planning program is in development and due March 31, 2022.

Appendix D: C.7 Structural Stormwater Control Program and SSC List of Planned / Individual Project for Permit Term

The Stormwater Services Section (SWS) is developing the Structural Stormwater Controls (SSC) Program required by the 2019 Phase I Municipal Stormwater Permit. The SSC Program is required to include the following:

i. King County's Structural Stormwater Control Program goals will meet 2019 Permit requirements.
ii. King County's planning process used to develop the Structural Stormwater Control Program, including:
   (a) The geographic scale of the planning process.
   (b) Issues and regulations addressed.
   (c) Steps in the planning process.
   (d) Types of characterization information considered.
   (e) Amount budgeted for implementation.
   (f) The public involvement process.
   (g) A description of the prioritization process, procedures and criteria used to select the Structural Stormwater Control projects.

King County's program is aimed toward retrofitting existing developed areas; and promotes planning and prioritization of these projects to reduce impacts to watershed hydrology and pollutant discharges from MS4s. This program also addresses regional stormwater facilities and stormwater impacts inadequately controlled by other Permit requirements.

Timing

No later than December 31, 2022, King County shall achieve 300 SSC Program Points, calculated per Appendix 12, as follows:

i. 225 design-stage retrofit incentive points, and
ii. 75 complete or maintenance stage incentive points.

Instructions for SSC Reporting: https://apps.ecology.wa.gov/paris/DownloadDocument.aspx?id=279051

Qualifying Project Types:

1. New flow control facility	1.0 times Flow Control Equivalent area
2. New runoff treatment facility (or treatment and flow control facility)	1.5 times Flow Control Equivalent area
3. New LID BMPs	1.5 times Flow Control Equivalent area
4. Retrofit of existing treatment and/or flow control facility	
5. Property acquisition	0.50 times acres acquired
6. Maintenance with capital construction costs ≥ $25,000	0.25 times the area served by the maintenance activity, or 0.25 times (curb miles swept x (# events/year-1)), or 0.025 times the linear feet of lines cleaned.
7. Restoration of riparian buffer	0.35 times acres restored
8. Restoration of forest cover	0.25 times acres restored
9. Floodplain reconnection projects	0.10 times acres reconnected, with a maximum of 200 points
10. Removal of impervious surfaces	1.0 times the sq. ft. of impervious surface removed
11. Other actions to address stormwater runoff into or from the MS4 not otherwise required in S5.C.	

Appendix E: C8. NPDES Source Control Inspection Program – Site List Development and Modification and Progressive Enforcement Process

Introduction

This document has been developed in collaboration with other Phase I jurisdictions and describes the program by which King County will prepare, and annually modify, a list of potentially pollution generating sites that meets the requirements of NPDES Phase 1 municipal stormwater permit section S5C7. Permittees must inspect 20% of the sites on the list in any given calendar year, but are not required to inspect 100% of sites over a 5 year period. Consequently, the list must contain a well-defined set of guidelines to identify appropriate sites and processes to include or remove these sites from a central database.

Business License and Parcels

Depending on the permittee (City or County), the basic elements in compiling the initial list is either the business license (for Cities) or the legal land parcel (for Counties). The difference is due to the fact that most Cities have local business licenses, whereas Counties do not. However, due to the complexities and limitations of each method, the initial list may contain elements generated by both office records and fieldsurveys.

Through time, the list will be refined to maximize the number of elements that should be regulated as "sites" in the context of the source control program of the NPDESpermit.

Official date of list

Permittees must inspect 20% of the sites on the list in any given calendar year. To determine compliance with this requirement, the number of sites must be fixed for that year. The permit does not define a date upon which the official list for the year will be fixed. For the purposes of establishing the official number of sites by which to determine compliance metrics for any given calendar year, an "official" list will be established at a date within the jurisdiction's budget preparation schedule, with the understanding that as businesses are identified through field survey or other methods cited in this paper, they will be added (or dropped) from the list, as appropriate. Although the total number of businesses will remain constant, it is anticipated that the specific named businesses will shift as businesses relocate or additional businesses missed in records are found in the field. Thus the final list of inspected businesses at the end of the year may include some businesses not originally on the "official" list.

Initial site list development

King County developed its' list for the 2013 program using the current list of developed parcels located in the current stormwater audit program inventory. King County will modify the inventory for use in future years by the following methods.

Step 1 – assemble list of sites based on office records

Developed parcels with commercial or industrial zoning: King County has used the current commercial or similar stormwater fee classification in the drainage utility database for commercial and industrial zoned parcels. This list will be supplemented using the current municipal business licenses and any other sets of municipalrecords.

Developed parcels with multifamily zoning (includes both apartments and condominiums): King County has defined properties with 3 or more residential units and current multifamily or similar stormwater fee classification for inclusion in the drainage utility database based on potential impact.

Step 2 – Add any sites identified by field or database surveys

These databases are both internal to the County and external from other agencies. The databases include the following:

1. The existing database of business/commercial sites that have approved flow control and/or water quality treatment facilities (1,458 as of 2/1/09), which is maintained SWS;
2. The existing database of business/commercial sites with simple drainage conveyance systems (418 as of 2/1/09), which is maintained by SWS;
3. The existing database of all properties owned/operated by King County (2,500), which is maintained by King County Real Estate Services and the Department of Executive Services Facility Management section; and

These databases and their respective updates will be used to modify the current list of addresses, and winnow out those already listed via commercial, industrial, or multifamily zoning. These datasets will be verified by a combination of telephone, database and field verifications of the businesses existence, and relevance for inclusion in this program.

An additional step in the program will be to identify businesses by conducting field surveys of targeted roads or geographic areas with potential high density of businesses of interest. The program will select target roads or geographic areas and conduct "windshield surveys" to field identify business sites based on visible evidence of commercial activity such as advertising signs or commercial-scale or type of material storage or activities. These businesses will be verified by comparing them to the current database.

Modification of initial site list

King County will modify the initial list by the following methods:

- Modifying multiple legal parcels that should be dealt with as one site.
- Modifying single parcels with multiple businesses (e.g. shopping malls) that should be dealt with as multiple sites.
- Correcting database as occupant records change.
- Adding developed sites shown as undeveloped in office records.
- Identifying the presence of pollutant generating activities using citizen reports, field investigations, or other methods.

Exclusions from the List:

Due to overlapping authority in stormwater compliance, Phase I Permittees propose the following exclusions from the Appendix 8 List:

NPDES permitted sites within other permittee's jurisdiction;

Port of Seattle and Tacoma properties;

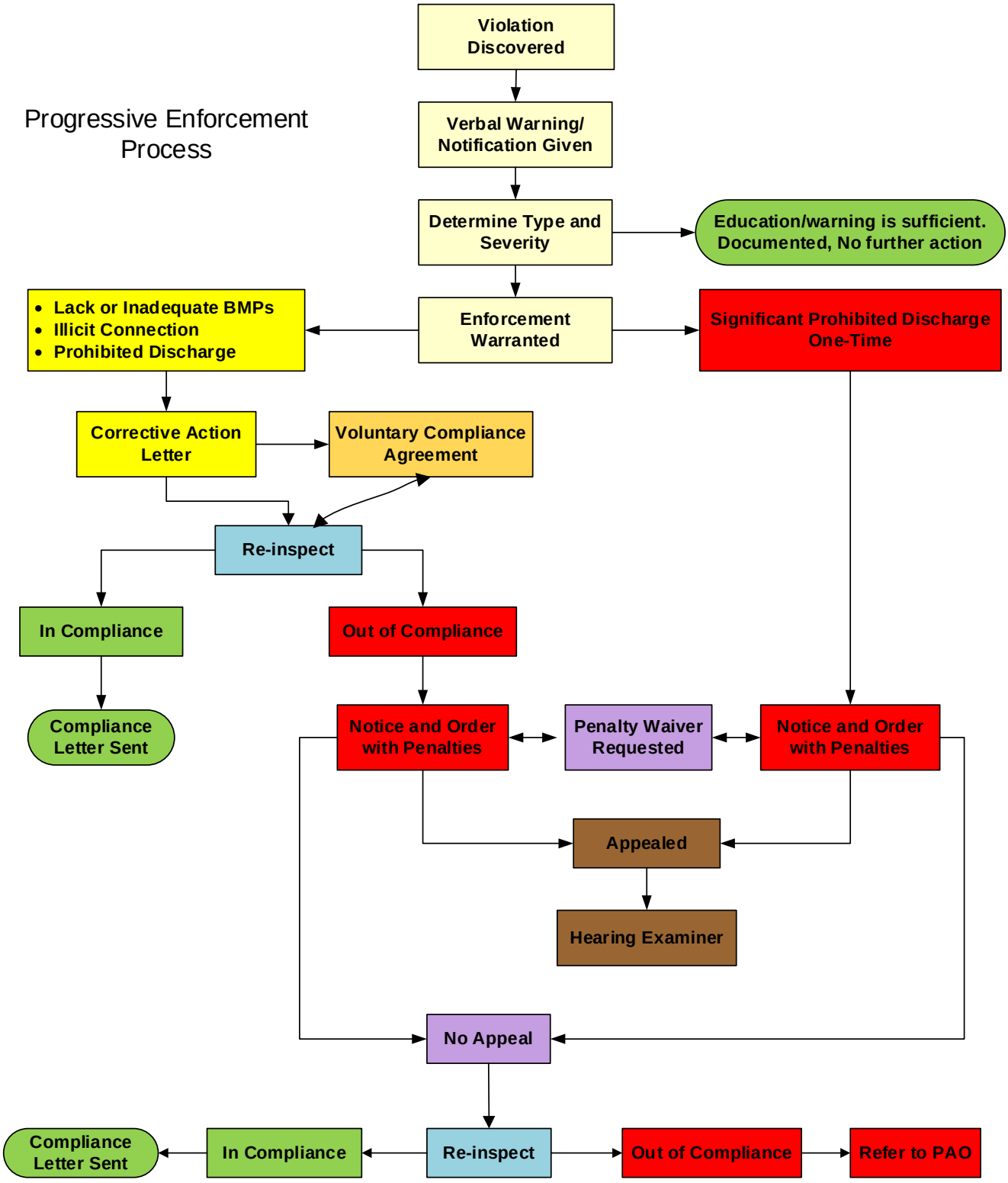
Sites which fall under the jurisdiction of, are owned, or managed by Secondary Permittees; and,

Those categories, which through an audit of existing inspection reports or field surveys representative of the category, are found to be non-pollutant generating.

Counting Inspections

For the purpose of complying with the permit conditions to inspect 20% of the sites on the permittee's "official" list of pollution-generating businesses, the following shall be counted:

1. Inspections performed by staff of the permittee;
2. Inspections performed by contractors representing the permittee and for which the permittee performs any needed follow-up enforcement activity;
3. Inspections performed by staff from other jurisdictions under an MOA or MOU with the permittee (e.g. inspections performed by King County in the Densmore basin under an MOA);
4. Inspection performed by Source Control Specialists funded by Ecology as part of the Local Source Control Program or the Urban Waters Initiative;


Progressive Enforcement Process
Violation Discovered
Verbal Warning/ Notification Given
Determine Type and Severity
Education/warning is sufficient. Documented, No further action
Enforcement Warranted
Lack or Inadequate BMPs
Illicit Connection
Prohibited Discharge
Significant Prohibited Discharge One-Time
Corrective Action Letter
Voluntary Compliance Agreement
Re-inspect
In Compliance
Out of Compliance
Compliance Letter Sent
Notice and Order with Penalties
Penalty Waiver Requested
Notice and Order with Penalties
Appealed
Hearing Examiner
No Appeal
Compliance Letter Sent
In Compliance
Re-inspect
Out of Compliance
Refer to PAO

Appendix F: C11. Education and Outreach Topics by Program

STORMWATER MANAGEMENT PROGRAM

Education and outreach summary - Water & Land Resources Division 2019 DRAFT

Example entries

See Education and Outreach, Page 36 www.ecy.wa.gov/programs/wq/stormwater/municipal/phaseIpermit/2016Mod/2016phaseIpermit.pdf

		Permit citation S5.C.10	*a.i.1; a.i.2; a.ii.1; a.ii.2; b*											*a.i.1*	*a.i.1*	*a.i.1 a.ii.1*	*a.i.1 a.i.2*	*a.i.1*	*a.i.2*	*a.i.2*	*a.ii.1*	*a.ii.*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*b*	*c*
Program name	**Program Contact**	**Program Description**	Public: Mainstream	Public: Multicultural	School Age Children	Businesses	Home/Mobile-based Businesses	Engineers	Contractors	Developers	Planners, Land Use	Property Managers/Owners	Landscapers, residents	General impacts of stormwater on surface waters	Impervious surfaces impacts	Illicit discharge prevention, impacts and reporting	Low Impact Development, LID Best Practices	Environmental stewardship	Technical standards for site/erosion control	Stormwater treatment, flow control practices/facilities	chemicals, hazardous cleaners and materials, carwash soaps	Equipment maintenance	Yard care techniques	Use and storage of pesticides, fertilizers, household chemicals	Carpet cleaning, auto repair and maintenance	Vehicle, equipment, and home/building maintenance	Animal waste	Stormwater facility maintenance	Dumpster and trash compactor maintenance	Measure behavior change and adapt	Track program measures and reporting
			Audience											**Topics**																	
River and Floodplain Management on behalf of the King County Flood Control District	Sylvia Aro	River flood hazard information on flood-prone areas and education and outreach programs to promote flood preparedness and resiliency.	x	x		x				x	x	x	x					x						x						x	x
Flood preparation	Website	Information for residents and businesses on safe storage and disposal in preparation for flooding. www.hazwastehelp.org/Environment/flood-residents.aspx	x			x						x		x				x			x			x							
Basin Stewards	Janne Kaje	Work with rural landowners, communities and agencies to implement WRIA and conservation plans, on habitat protection and restoration projects, offer technical services and information on stream basin health.	x		x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x			x				x
Solid Waste Division	Joan Kenton	Recycling, waste reduction, environmental programs	x	x	x	x												x			x	x				x			x	x	x
Water and Land Resources Division	Doug Navetski	Environmental programs for residents, property owners, businesses.	x	x	x	x					x	x		x				x	x								x				

STORMWATER MANAGEMENT PROGRAM

Education and outreach summary - Water & Land Resources Division 2019 DRAFT

Example entries

See Education and Outreach, Page 36 www.ecy.wa.gov/programs/wq/stormwater/municipal/phaseIpermit/2016Mod/2016phaseIpermit.pdf

		Permit citation S5.C.10	*a.i.1; a.i.2; a.ii.1; a.ii.2; b*											*a.i.1*	*a.i.1*	*a.i.1 a.ii.1*	*a.i.1 a.i.2*	*a.i.1*	*a.i.2*	*a.i.2*	*a.ii.1*	*a.ii.*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*b*	*c*
			Public: Mainstream	Public: Multicultural	School Age Children	Businesses	Home/Mobile-based Businesses	Engineers	Contractors	Developers	Planners, Land Use	Property Managers/Owners	Landscapers, residents	General impacts of stormwater on surface waters	Impervious surfaces impacts	Illicit discharge prevention, impacts and reporting	Low Impact Development, LID Best Practices	Environmental stewardship	Technical standards for site/erosion control	Stormwater treatment, flow control practices/facilities	chemicals, hazardous cleaners and materials, carwash soaps	Equipment maintenance	Yard care techniques	Use and storage of pesticides, fertilizers, household chemicals	Carpet cleaning, auto repair and maintenance	Vehicle, equipment, and home/building maintenance	Animal waste	Stormwater facility maintenance	Dumpster and trash compactor maintenance	Measure behavior change and adapt	Track program measures and reporting
Program name	**Program Contact**	**Program Description**	**Audience**											**Topics**																	
Stormwater Services Section	Doug Navetski	Environmental programs for residents, property owners, businesses.	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x
Facilities Management Division	Chris Stenger	King County facilities							x			x						x			x	x	x	x	x	x	x		x		
Natural Yard Care	Website	King County transitioned and updated the website for partners. Provides Natural Yard/Lawn Care, workshops and partner web links: www.naturalyardcare.org	x										x										x	x							x
STORM (Stormwater Outreach for Regional Municipalities)	Mary Rabourn	Over 83 regional participating permitees. King County is a member of the core team. The team assists members in planning, grant applications, outreach campaigns, development of BMPs and capacity building. The goal is to coordinate regional outreach and education for the best efficiency and effectiveness.	x			x								x				x			x	x	x	x			x			x	x

Appendix G: Funding

Many permit compliance activities are conducted by WLR and financed through the County's Surface Water Management (SWM) Fee. Due to increased Permit requirements, increases to the SWM Fee have been implemented.

The Metropolitan King County Council has also approved an increase to the Surface SWM fee of approximately 40 percent in 2017-2018, from the current fee of $258 per year to $289 per year for a single family residence.

The top program priorities for these fee increases in 2019 and 2020 include:

- Funds contractor work to maintain WLRD-owned stormwater facilities, including stormwater ponds, vaults, and swales.
- Implement recommendations of the 2018 Bear Creek Watershed Management Study, including implementing stormwater controls and habitat improvement projects requiring the acquisition of land and easements and stakeholder engagement.
- Our Green Duwamish Initiative + Water Quality Planner/Project Manager.
- Strategic Plan for Stormwater Services Section. Design and manage a strategic plan for the Stormwater Services Section. Includes a repurposed staff position and consultant work for stakeholder engagement.

For further information about the SWM fee, visit http://www.kingcounty.gov/environment/wlr/surface-water-mgt-fee.aspx.

Potential future cost increases have not yet been estimated or budgeted. The cost of compliance is expected to rise as new and expanded Permit requirements take effect during the Permit term and the rate payer base shrinks with annexations of urban areas.

The County's remaining unincorporated urban areas will continue to include higher-density areas (more than one dwelling unit/acre), which require suburban levels of service and significant traditional stormwater management. Consequently, the County will continue to fund the full range of stormwater management services required by the Permit.

As single-lot and lower-density subdivision development continues in the rural area, there will be an increase in nontraditional stormwater controls. These include forest retention, reduced impervious surface footprints and other LID techniques such as flow dispersion and infiltration, rain gardens, and the use of pervious surfaces. Where stormwater in a subdivision may have traditionally been managed by a few large stormwater ponds or vaults, a similar subdivision built considering LID principles would incorporate many small treatment and flow control devices distributed throughout the neighborhood. Therefore, LID features will require additional construction and maintenance inspections by the County to ensure new types of controls are properly installed and maintained. This will add to the challenges for Permit compliance and public funding.

Increasingly, the stormwater management program will be addressing a landscape made up of agricultural and forest lands interspersed with rural residential and rural town centers with concentrations of suburban service areas. The stormwater and water quality service needs of these diverse landscapes will be quite different but often not less expensive than those defined in more urban areas.

Appendix H: IDDE Reporting Data and Format

Ecology has added required information for spills. This Appendix is a copy of **Appendix 14 of the Phase I Municipal permit**. This appendix lays out the required information needed for each incident.

Permittees are required to submit the following information with the online annual report form, pursuant to Special Condition S9.A.

This is the complete list of information that all Permittees are required to report for each IDDE incident found, reported to, or investigated by the Permittee. Each Permittee may use either their own system or the WQWebIDDE form for recording this data.

Permittees may begin using the form to report as soon as March 31, 2020. The form is required for reporting by March 31, 2021, unless you are using your own tracking system. If using your own tracking system, this information must be provided in an electronic format that follows the data schema provided at the end of this document and is easily transferred to a database. For the March 31, 2020 annual report, permittees are required to submit as much of this information as possible, and in a format that is as close to this as feasible. For the March 31, 2021 annual report, Ecology would prefer a zipped .xml file that follows the schema, but it is acceptable to submit an Excel spreadsheet, .csv, or tab- delimited (.txt) file that includes all of this information. For annual reports due on March 31, 2022 and beyond, a zipped .xml that follows the schema is required.

A complete report will include a separate entry (even if left blank) for every line below and must use the precise verbiage and spelling below. For all incidents where the answer to #6 is no, #7-12 are not required. All dates are in MM/DD/YYYY format.

1. Jurisdiction name and permit number
2. Date incident discovered or reported to you
3. Date of beginning your response
4. Date of end of your response
5. How was the incident discovered or reported to you? (select all that apply)
    - Pollution hotline (phone, web, app)
    - Direct report to your staff
    - Staff referral
    - Other agency referral
    - ERTS referral
    - Business inspection
    - Construction inspection
    - MS4 inspection or screening
    - Other (Explanation required)
6. Discharge to MS4? (select one)
    - Yes – notified Ecology
    - Yes – notified DOH and Ecology
    - Yes – did not notify
    - Yes – allowable or conditionally allowable
    - No – none found
    - No – cleaned up before reached MS4
    - No – discharge to Underground Injection Control (UIC) well

- Unknown
- Other (Explanation required)

7. Incident Location

- Address/Intersection
- City
- Zip (optional)

And/Or

- Latitude
- Longitude

8. Pollutants Identified (select all that apply)

- Unconfirmed, unspecified, or not identified
- Fuel and/or vehicle related fluids
- Food-related oil/grease
- Sediment/soil
- Solid waste/trash
- Sewage/septage/pet waste/human waste
- Other wastewater
- Paint
- Firefighting foam
- Soap or cleaning chemicals
- Other (Explanation required)

9. Source or Cause (select all that apply)

- Unconfirmed, unspecified, or not identified
- Vehicle-related business
- Food-related business
- Landscape-related business
- Mobile business
- Construction activity
- Other commercial/industrial activity
- Vehicle collision
- Other accident/spill
- Intentional dumping
- Illicit connection
- Other (Explanation required)

10. Source tracing approach(es) used (select all that apply)

- Not applicable
- Observation (color/sheen/turbidity/floatables/odor)
- Map analysis
- Dye, smoke, or pressure testing
- Field indicator measurements
- Analytical laboratory indicators
- Other (Explanation required)

11. Correction/elimination methods used (select all that apply)
    - Clean-up
    - Education/technical assistance
    - Add or modify operational source control BMP
    - Add or modify structural source control BMP
    - Add or modify treatment BMP
    - Enforcement
    - Referred to other agency or department
    - Other (Explanation required)
12. Field notes, explanations, and/or other comments

5 S5.C.2.b.i Collected outfall size and material

Annual Report
Attachment for Q 5a

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-9978	Outfall	Stream	Closed Conveyance	CLO-58589	Pipe	Pipe	6	0	0	0.00000000000		No
LNK-10942	Unverified	Unverified Connection	Closed Conveyance	CLO-59215	Pipe	Pipe	6	0	0	0.00000000000		No
LNK-5647	Outfall	Stream	Closed Conveyance	CLO-69885	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6036	Outfall	Wetland	Closed Conveyance	CLO-11564	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-6106	Outfall	Potential Wetland	Closed Conveyance	CLO-68897	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6136	Outfall	Wetland	Closed Conveyance	CLO-69390	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6137	Outfall	Wetland	Closed Conveyance	CLO-69311	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6138	Outfall	Wetland	Closed Conveyance	CLO-69209	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6232	Outfall	Stream	Closed Conveyance	CLO-12184	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6240	Unverified	Unverified Connection	Closed Conveyance	CLO-70821	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6241	Unverified	Unverified Connection	Closed Conveyance	CLO-70614	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-6255	Outfall	Wetland	Closed Conveyance	CLO-70429	Culvert	Round	0	0	0	0.00000000000	Concrete	None
LNK-6256	Unverified	Unverified Connection	Closed Conveyance	CLO-70432	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6257	Outfall	Wetland	Closed Conveyance	CLO-70193	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6352	Unverified	Unverified Connection	Closed Conveyance	CLO-69482	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6353	Unverified	Unverified Connection	Closed Conveyance	CLO-69640	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7190	Unverified	Unverified Connection	Closed Conveyance	CLO-71321	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-7191	Outfall	Wetland	Closed Conveyance	CLO-71140	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7192	Unverified	Unverified Connection	Closed Conveyance	CLO-70999	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7193	Outfall	Wetland	Closed Conveyance	CLO-71343	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7194	Outfall	Wetland	Closed Conveyance	CLO-71231	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7208	Outfall	Wetland	Closed Conveyance	CLO-12084	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-7209	Outfall	Wetland	Closed Conveyance	CLO-71112	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6414	Outfall	Wetland	Closed Conveyance	CLO-69456	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6415	Outfall	Wetland	Closed Conveyance	CLO-70235	Culvert	Round	4	0	0	0.00000000000	Plastic	No
LNK-6416	Unverified	Unverified Connection	Closed Conveyance	CLO-69637	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6417	Unverified	Unverified Connection	Closed Conveyance	CLO-69455	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6441	Outfall	Wetland	Closed Conveyance	CLO-70227	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-6445	Unverified	Unverified Connection	Closed Conveyance	CLO-70327	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6446	Outfall	Wetland	Closed Conveyance	CLO-70428	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6447	Unverified	Unverified Connection	Closed Conveyance	CLO-70126	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8368	Outfall	Wetland	Closed Conveyance	CLO-68541	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8369	Outfall	Stream	Closed Conveyance	CLO-68268	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8377	Unverified	Unverified Connection	Closed Conveyance	CLO-68077	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6524	Outfall	Wetland	Closed Conveyance	CLO-71082	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6526	Outfall	Wetland	Closed Conveyance	CLO-71256	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6528	Unverified	Unverified Connection	Closed Conveyance	CLO-70460	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6530	Unverified	Unverified Connection	Closed Conveyance	CLO-70974	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6531	Unverified	Unverified Connection	Closed Conveyance	CLO-70655	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-6532	Outfall	Wetland	Closed Conveyance	CLO-70831	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6533	Unverified	Unverified Connection	Closed Conveyance	CLO-70694	Culvert	Round	18	0	0	0.00000000000	Plastic	No
LNK-6545	Outfall	Wetland	Closed Conveyance	CLO-70845	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6985	Outfall	Wetland	Closed Conveyance	CLO-12175	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-6986	Outfall	Wetland	Closed Conveyance	CLO-70942	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6987	Outfall	Wetland	Closed Conveyance	CLO-71250	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7158	Outfall	Stream	Closed Conveyance	CLO-70663	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-7159	Unverified	Unverified Connection	Closed Conveyance	CLO-70491	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-7160	Outfall	Potential Wetland	Closed Conveyance	CLO-70664	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-7172	Unverified	Unverified Connection	Closed Conveyance	CLO-71253	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7173	Outfall	Wetland	Closed Conveyance	CLO-71203	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5872	Outfall	Stream	Closed Conveyance	CLO-10853	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-5879	Unverified	Unverified Connection	Closed Conveyance	CLO-67977	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-5880	Outfall	Wetland	Closed Conveyance	CLO-67783	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5881	Outfall	Stream	Closed Conveyance	CLO-67717	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-5889	Outfall	Wetland	Closed Conveyance	CLO-15123	Culvert	Round	18	0	0	0.00000000000	Plastic	No
LNK-5840	Outfall	Stream	Closed Conveyance	CLO-10332	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-5835	Outfall	Wetland	Closed Conveyance	CLO-67316	Culvert	Round	15	0	0	0.00000000000	Metal	No
LNK-5836	Outfall	Stream	Closed Conveyance	CLO-67419	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5837	Outfall	Wetland	Closed Conveyance	CLO-67504	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6920	Unverified	Unverified Connection	Closed Conveyance	CLO-67548	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6922	Unverified	Unverified Connection	Closed Conveyance	CLO-67372	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6925	Unverified	Unverified Connection	Closed Conveyance	CLO-67570	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6926	Outfall	Stream	Closed Conveyance	CLO-67509	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6927	Unverified	Unverified Connection	Closed Conveyance	CLO-67669	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6928	Outfall	Wetland	Closed Conveyance	CLO-67399	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6930	Outfall	Wetland	Closed Conveyance	CLO-67277	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6931	Outfall	Wetland	Closed Conveyance	CLO-10334	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-6947	Unverified	Unverified Connection	Closed Conveyance	CLO-67544	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6948	Outfall	Wetland	Closed Conveyance	CLO-67617	Culvert	Round	15	0	0	0.00000000000	Metal	No
LNK-6546	Unverified	Unverified Connection	Closed Conveyance	CLO-67502	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6906	Outfall	Wetland	Closed Conveyance	CLO-67601	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6907	Outfall	Wetland	Closed Conveyance	CLO-67503	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6548	Outfall	Wetland	Closed Conveyance	CLO-67341	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-554	Outfall	Stream	Closed Conveyance	CLO-19104	Pipe	Pipe	24	0	0	0.00000000000	DI	No
LNK-1002	Unverified	Unverified Outfall	Closed Conveyance	CLO-74827	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-1005	Unverified	Unknown	Closed Conveyance	CLO-74526	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-761	Unverified	Unknown	Closed Conveyance	CLO-17824	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-763	Unverified	Unknown	Closed Conveyance	CLO-18140	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-2738	Unverified	Unknown	Closed Conveyance	CLO-18977	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-2739	Unverified	Unknown	Closed Conveyance	CLO-19043	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-2741	Unverified	Unverified Outfall	Closed Conveyance	CLO-19107	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-2773	Unverified	Unverified Outfall	Closed Conveyance	CLO-18867	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-2796	Unverified	Unknown	Closed Conveyance	CLO-75964	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2821	Unverified	Unknown	Closed Conveyance	CLO-75888	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-2822	Unverified	Unknown	Closed Conveyance	CLO-18930	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-2823	Unverified	Unknown	Closed Conveyance	CLO-18866	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-2824	Outfall	Stream	Closed Conveyance	CLO-76104	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-2837	Outfall	Stream	Closed Conveyance	CLO-75995	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2839	Unverified	Unknown	Closed Conveyance	CLO-75971	Culvert	Round	18	0	0	0.00000000000	Concrete	None

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-2841	Unverified	Unknown	Closed Conveyance	CLO-76088	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-2843	Outfall	Stream	Closed Conveyance	CLO-75950	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-2844	Unverified	Unknown	Closed Conveyance	CLO-76106	Culvert	Round	0	0	0	0.00000000000		No
LNK-2848	Unverified	Unknown	Closed Conveyance	CLO-76120	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-2849	Outfall	Potential Stream	Closed Conveyance	CLO-76153	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-2863	Unverified	Unknown	Closed Conveyance	CLO-18915	Pipe	Pipe	24	0	0	0.00000000000	Plastic	No
LNK-4221	Unverified	Unknown	Closed Conveyance	CLO-76202	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-4222	Unverified	Unknown	Closed Conveyance	CLO-76554	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-4490	Outfall	Stream	Closed Conveyance	CLO-35500	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-4556	Outfall	Wetland	Closed Conveyance	CLO-88776	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-4557	Outfall	Wetland	Closed Conveyance	CLO-88630	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-5784	Outfall	Stream	Closed Conveyance	CLO-19670	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-6812	Unverified	Unknown	Closed Conveyance	CLO-19856	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6814	Unverified	Unknown	Closed Conveyance	CLO-19713	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-5687	Outfall	Lake	Closed Conveyance	CLO-76890	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5695	Outfall	Stream	Closed Conveyance	CLO-77218	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-5748	Outfall	Stream	Closed Conveyance	CLO-77297	Culvert	Round	8	0	0	0.00000000000	Metal	No
LNK-5754	Unverified	Unknown	Closed Conveyance	CLO-19929	Pipe	Pipe	24	0	0	1.90000000000	Metal	No
LNK-5808	Outfall	Stream	Closed Conveyance	CLO-77194	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5810	Outfall	Stream	Closed Conveyance	CLO-77284	Culvert	Round	99	0	0	0.00000000000	Metal	No
LNK-5811	Unverified	Unknown	Closed Conveyance	CLO-77141	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-5812	Outfall	Stream	Closed Conveyance	CLO-77341	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-5813	Unverified	Unverified Connection	Closed Conveyance	CLO-77342	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5797	Outfall	Stream	Closed Conveyance	CLO-77171	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-5756	Unverified	Unknown	Closed Conveyance	CLO-65964	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-5757	Outfall	Stream	Closed Conveyance	CLO-20177	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-5814	Unverified	Unknown	Closed Conveyance	CLO-20212	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-5769	Outfall	Stream	Closed Conveyance	CLO-77593	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-5771	Unverified	Unknown	Closed Conveyance	CLO-20144	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-5772	Unverified	Unverified Outfall	Closed Conveyance	CLO-20289	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-5456	Unverified	Unknown	Closed Conveyance	CLO-20352	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-5457	Unverified	Unknown	Closed Conveyance	CLO-20181	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-5461	Unverified	Unknown	Closed Conveyance	CLO-20234	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-2303	Unverified	Unknown	Closed Conveyance	CLO-145074	Culvert	Round	48	0	0	0.00000000000	Aluminum	No
LNK-2302	Unverified	Unknown	Closed Conveyance	CLO-145075	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2300	Outfall	Stream	Closed Conveyance	CLO-145078	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2293	Unverified	Unknown	Closed Conveyance	CLO-78884	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-2288	Unverified	Unknown	Closed Conveyance	CLO-145084	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2260	Unverified	Unverified Outfall	Closed Conveyance	CLO-79074	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2277	Unverified	Unverified Outfall	Closed Conveyance	CLO-145093	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2259	Unverified	Unverified Outfall	Closed Conveyance	CLO-20973	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-2257	Unverified	Unknown	Closed Conveyance	CLO-145096	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2252	Unverified	Unknown	Closed Conveyance	CLO-145101	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2242	Unverified	Unknown	Closed Conveyance	CLO-145108	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2243	Unverified	Unknown	Closed Conveyance	CLO-145109	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2248	Unverified	Unknown	Closed Conveyance	CLO-145113	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2247	Unverified	Unknown	Closed Conveyance	CLO-145114	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2246	Unverified	Unknown	Closed Conveyance	CLO-145115	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2245	Unverified	Unknown	Closed Conveyance	CLO-145116	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2238	Unverified	Unknown	Closed Conveyance	CLO-145121	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2236	Outfall	Stream	Closed Conveyance	CLO-79019	Culvert	Round	0	0	0	0.00000000000		No
LNK-2239	Unverified	Unknown	Closed Conveyance	CLO-145120	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2237	Unverified	Unknown	Closed Conveyance	CLO-145122	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2240	Unverified	Unknown	Closed Conveyance	CLO-145118	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2228	Unverified	Unknown	Closed Conveyance	CLO-145129	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2232	Unverified	Unknown	Closed Conveyance	CLO-145124	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2229	Unverified	Unknown	Closed Conveyance	CLO-145126	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2320	Unverified	Unknown	Closed Conveyance	CLO-78866	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2317	Unverified	Unverified Outfall	Closed Conveyance	CLO-20941	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-2315	Unverified	Unverified Outfall	Closed Conveyance	CLO-79189	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2318	Unverified	Unverified Outfall	Closed Conveyance	CLO-78920	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2314	Unverified	Unverified Outfall	Closed Conveyance	CLO-20975	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-2316	Unverified	Unverified Outfall	Closed Conveyance	CLO-20855	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-2310	Unverified	Unverified Outfall	Closed Conveyance	CLO-78998	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2312	Unverified	Unverified Outfall	Closed Conveyance	CLO-79051	Culvert	Round	30	0	0	0.00000000000	Metal	No
LNK-2308	Unverified	Unverified Outfall	Closed Conveyance	CLO-145068	Pipe	Pipe	30	0	0	0.00000000000	LCPE	No
LNK-2306	Unverified	Unverified Outfall	Closed Conveyance	CLO-145071	Culvert	Round	36	0	0	0.00000000000	LCPE	No
LNK-2477	Unverified	Unknown	Closed Conveyance	CLO-78891	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-2505	Unverified	Unknown	Closed Conveyance	CLO-79080	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2506	Unverified	Unknown	Closed Conveyance	CLO-78844	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2527	Unverified	Unknown	Closed Conveyance	CLO-79160	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-2523	Unverified	Unknown	Closed Conveyance	CLO-79055	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-2519	Unverified	Unknown	Closed Conveyance	CLO-79027	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-2520	Unverified	Unknown	Closed Conveyance	CLO-79026	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2514	Unverified	Unknown	Closed Conveyance	CLO-79133	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-2517	Unverified	Unverified Outfall	Closed Conveyance	CLO-79253	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2518	Unverified	Unknown	Closed Conveyance	CLO-79000	Culvert	Round	30	0	0	0.00000000000	Metal	No
LNK-2455	Outfall	Stream	Closed Conveyance	CLO-79475	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2458	Unverified	Unverified Outfall	Closed Conveyance	CLO-79425	Culvert	Round	0	0	0	0.00000000000		No
LNK-2467	Unverified	Unknown	Closed Conveyance	CLO-79338	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-2475	Unverified	Unknown	Closed Conveyance	CLO-79442	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-2389	Unverified	Unknown	Closed Conveyance	CLO-21409	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-2443	Unverified	Unknown	Closed Conveyance	CLO-79500	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2444	Unverified	Unknown	Closed Conveyance	CLO-79554	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2449	Unverified	Unverified Outfall	Closed Conveyance	CLO-79536	Culvert	Round	0	0	0	0.00000000000		No
LNK-2447	Unverified	Unverified Outfall	Closed Conveyance	CLO-79327	Culvert	Round	0	0	0	0.00000000000		No
LNK-2448	Unverified	Unverified Outfall	Closed Conveyance	CLO-79390	Culvert	Round	0	0	0	0.00000000000		No
LNK-2450	Unverified	Unverified Outfall	Closed Conveyance	CLO-79535	Culvert	Round	0	0	0	0.00000000000		No
LNK-2470	Unverified	Unknown	Closed Conveyance	CLO-79304	Culvert	Round	12	0	0	0.00000000000	Concrete	None

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-2452	Unverified	Unknown	Closed Conveyance	CLO-79501	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-2446	Unverified	Unknown	Closed Conveyance	CLO-79575	Culvert	Round	12	0	0	0.00000000000		No
LNK-2461	Unverified	Stream	Closed Conveyance	CLO-79520	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-1750	Unverified	Unverified Outfall	Closed Conveyance	CLO-26663	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-2183	Outfall	Stream	Closed Conveyance	CLO-84606	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-700	Unverified	Unverified Outfall	Closed Conveyance	CLO-83836	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-698	Unverified	Unverified Outfall	Closed Conveyance	CLO-75064	Culvert	Round	24	0	0	0.00000000000	Plastic	No
LNK-993	Unverified	Unknown	Closed Conveyance	CLO-75042	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-1073	Unverified	Unverified Outfall	Closed Conveyance	CLO-108476	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-1075	Unverified	Unverified Outfall	Closed Conveyance	CLO-108659	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-1076	Unverified	Unverified Outfall	Closed Conveyance	CLO-108660	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-1077	Unverified	Unverified Outfall	Closed Conveyance	CLO-108660	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-1078	Unverified	Unknown	Closed Conveyance	CLO-108660	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-1080	Unverified	Unknown	Closed Conveyance	CLO-108661	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-1079	Unverified	Unknown	Closed Conveyance	CLO-108661	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4327	Unverified	Unknown	Closed Conveyance	CLO-26752	Pipe	Pipe	36	0	0	0.00000000000	Plastic	No
LNK-5590	Outfall	Wetland	Closed Conveyance	CLO-143962	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-2346	Outfall	Stream	Closed Conveyance	CLO-145014	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-2309	Unverified	Unknown	Closed Conveyance	CLO-145067	Pipe	Pipe	30	0	0	0.00000000000	LCPE	No
LNK-2307	Unverified	Unknown	Closed Conveyance	CLO-145070	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2298	Outfall	Stream	Closed Conveyance	CLO-145079	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-2296	Unverified	Unknown	Closed Conveyance	CLO-145080	Culvert	Round	36	0	0	0.00000000000	LCPE	No
LNK-2258	Unverified	Unverified Outfall	Closed Conveyance	CLO-145095	Culvert	Round	48	0	0	0.00000000000	Aluminum	No
LNK-2188	Outfall	Stream	Closed Conveyance	CLO-21322	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-2454	Unverified	Unverified Outfall	Closed Conveyance	CLO-79548	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-6826	Unverified	Unverified Outfall	Closed Conveyance	CLO-77219	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-6639	Outfall	Ground	Closed Conveyance	CLO-134653	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2481	Unverified	Unknown	Closed Conveyance	CLO-125081	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-2770	Unverified	Unknown	Closed Conveyance	CLO-19653	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-4906	Unverified	Unknown	Closed Conveyance	CLO-67609	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6923	Unverified	Unknown	Closed Conveyance	CLO-67423	Culvert	Round	10	0	0	0.00000000000	Plastic	No
LNK-6940	Outfall	Wetland	Closed Conveyance	CLO-67518	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6549	Unverified	Unknown	Closed Conveyance	CLO-77557	Culvert	Round	8	0	0	0.00000000000	Plastic	No
LNK-5024	Unverified	Unknown	Closed Conveyance	CLO-143921	Pipe	Yard-Roof Drain	6	0	0	0.00000000000	PVC	No
LNK-3177	Unverified	Unknown	Closed Conveyance	CLO-93223	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-2528	Unverified	Unverified Outfall	Closed Conveyance	CLO-79253	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-5453	Unverified	Unknown	Closed Conveyance	CLO-76861	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5005	Unverified	Unknown	Closed Conveyance	CLO-76469	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4103	Unverified	Unknown	Closed Conveyance	CLO-144822	Pipe	Pipe	24	0	0	0.00000000000		No
LNK-4084	Unverified	Unverified Outfall	Closed Conveyance	CLO-76454	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-4045	Unverified	Unknown	Closed Conveyance	CLO-60071	Pipe	Pipe	6	0	0	0.00000000000	Concrete	No
LNK-4915	Unverified	Unverified Outfall	Closed Conveyance	CLO-76290	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-4750	Unverified	Unknown	Closed Conveyance	CLO-20087	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-4151	Unverified	Unverified Outfall	Closed Conveyance	CLO-76308	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-4152	Unverified	Unknown	Closed Conveyance	CLO-146032	Pipe	Pipe	27	0	0	0.00000000000	LCPE	No
LNK-4274	Outfall	Potential Stream	Closed Conveyance	CLO-77368	Culvert	Round	18	0	0	0.00000000000	Plastic	No
LNK-4177	Unverified	Unknown	Closed Conveyance	CLO-76282	Pipe	Pipe	18	0	0	0.00000000000	Concrete	None
LNK-4960	Outfall	Potential Stream	Closed Conveyance	CLO-97612	Culvert	Round	18	0	0	0.80000000000	Metal	No
LNK-3343	Unverified	Unknown	Closed Conveyance	CLO-96559	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-3346	Unverified	Unverified Outfall	Closed Conveyance	CLO-96556	Culvert	Round	90	0	0	0.00000000000	Metal	No
LNK-3696	Unverified	Unknown	Closed Conveyance	CLO-96526	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-3348	Unverified	Unverified Outfall	Closed Conveyance	CLO-96555	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-3341	Unverified	Unknown	Closed Conveyance	CLO-96560	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-3738	Unverified	Unverified Outfall	Closed Conveyance	CLO-96538	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-4196	Unverified	Unverified Outfall	Closed Conveyance	CLO-76228	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-3695	Unverified	Unverified Outfall	Closed Conveyance	CLO-96521	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-3775	Outfall	Stream	Closed Conveyance	CLO-96551	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4199	Unverified	Unknown	Closed Conveyance	CLO-76434	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-3774	Unverified	Unverified Outfall	Closed Conveyance	CLO-96549	Culvert	Round	90	0	0	0.00000000000	Metal	No
LNK-3310	Unverified	Unknown	Closed Conveyance	CLO-96564	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-3773	Unverified	Unverified Outfall	Closed Conveyance	CLO-96547	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3771	Outfall	Stream	Closed Conveyance	CLO-53595	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-3350	Unverified	Unknown	Closed Conveyance	CLO-96552	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-3770	Unverified	Unknown	Closed Conveyance	CLO-96545	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-3694	Unverified	Unverified Outfall	Closed Conveyance	CLO-53591	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-4202	Unverified	Unverified Outfall	Closed Conveyance	CLO-76312	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-3312	Unverified	Unknown	Closed Conveyance	CLO-96566	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4203	Unverified	Unverified Outfall	Closed Conveyance	CLO-76312	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-4204	Unverified	Unverified Outfall	Closed Conveyance	CLO-76491	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-3314	Unverified	Unknown	Closed Conveyance	CLO-96568	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-3316	Unverified	Unknown	Closed Conveyance	CLO-96571	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-3317	Unverified	Unknown	Closed Conveyance	CLO-96572	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-3321	Unverified	Unknown	Closed Conveyance	CLO-96574	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-4215	Unverified	Unverified Outfall	Closed Conveyance	CLO-76407	Pipe	Pipe	18	0	0	0.00000000000	Concrete	None
LNK-3323	Unverified	Unknown	Closed Conveyance	CLO-96575	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-3783	Unverified	Unverified Outfall	Closed Conveyance	CLO-143929	Culvert	Box	0	144	72	0.00000000000		No
LNK-3325	Unverified	Unverified Outfall	Closed Conveyance	CLO-96577	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-3326	Unverified	Unverified Outfall	Closed Conveyance	CLO-96577	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-3328	Unverified	Unverified Outfall	Closed Conveyance	CLO-96578	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-3329	Unverified	Unverified Outfall	Closed Conveyance	CLO-96578	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-3798	Unverified	Unknown	Closed Conveyance	CLO-96481	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3808	Unverified	Unknown	Closed Conveyance	CLO-140034	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-3811	Unverified	Unverified Outfall	Closed Conveyance	CLO-140038	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3813	Unverified	Unverified Outfall	Closed Conveyance	CLO-140039	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-3330	Unverified	Unknown	Closed Conveyance	CLO-96580	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-3943	Unverified	Unverified Outfall	Closed Conveyance	CLO-140041	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3945	Unverified	Unverified Outfall	Closed Conveyance	CLO-140044	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3946	Unverified	Unverified Outfall	Closed Conveyance	CLO-140044	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3948	Unverified	Unknown	Closed Conveyance	CLO-140046	Culvert	Round	18	0	0	0.00000000000	Concrete	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-4231	Unverified	Unknown	Closed Conveyance	CLO-76287	Culvert	Round	18	0	0	0.00000000000	RCP	Asphalt
LNK-3979	Unverified	Unknown	Closed Conveyance	CLO-96835	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3981	Unverified	Unknown	Closed Conveyance	CLO-96846	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3972	Unverified	Unverified Outfall	Closed Conveyance	CLO-145925	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-3965	Unverified	Unknown	Closed Conveyance	CLO-140052	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-3962	Unverified	Unknown	Closed Conveyance	CLO-140194	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-5922	Outfall	Stream	Closed Conveyance	CLO-130051	Pipe	Pipe	8	0	0	0.00000000000	DI	No
LNK-3975	Unverified	Unknown	Closed Conveyance	CLO-106438	Pipe	Pipe	24	0	0	0.00000000000	CPEP	No
LNK-5939	Outfall	Stream	Closed Conveyance	CLO-4023	Pipe	Pipe	0	0	0	0.00000000000	Concrete	No
LNK-3990	Unverified	Unknown	Closed Conveyance	CLO-93458	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3897	Unverified	Unknown	Closed Conveyance	CLO-93465	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3335	Unverified	Unverified Outfall	Closed Conveyance	CLO-142398	Culvert	Round	0	0	0	0.00000000000		No
LNK-3861	Unverified	Unknown	Closed Conveyance	CLO-93366	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3999	Unverified	Unknown	Closed Conveyance	CLO-93445	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3922	Unverified	Unknown	Closed Conveyance	CLO-53202	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-3926	Unverified	Unknown	Closed Conveyance	CLO-96583	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-3919	Unverified	Unverified Outfall	Closed Conveyance	CLO-96050	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-3998	Unverified	Unknown	Closed Conveyance	CLO-93447	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-3995	Unverified	Unknown	Closed Conveyance	CLO-93450	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3885	Unverified	Unknown	Closed Conveyance	CLO-93350	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-5023	Unverified	Unknown	Closed Conveyance	CLO-77071	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-4993	Unverified	Unknown	Closed Conveyance	CLO-139867	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3930	Unverified	Unverified Outfall	Closed Conveyance	CLO-94891	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-8596	Unverified	Unknown	Closed Conveyance	CLO-83836	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-8598	Unverified	Unknown	Closed Conveyance	CLO-75064	Culvert	Round	24	0	0	0.00000000000	Plastic	No
LNK-8615	Unverified	Unknown	Closed Conveyance	CLO-122346	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-8618	Unverified	Unknown	Closed Conveyance	CLO-18329	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-8670	Unverified	Unknown	Closed Conveyance	CLO-73655	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-8672	Unverified	Unverified Outfall	Closed Conveyance	CLO-75195	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-8715	Unverified	Unknown	Closed Conveyance	CLO-18749	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-8753	Unverified	Unknown	Closed Conveyance	CLO-145415	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-8755	Unverified	Unknown	Closed Conveyance	CLO-84341	Culvert	Round	0	0	0	0.00000000000		No
LNK-8758	Outfall	Potential Wetland	Closed Conveyance	CLO-74896	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-8759	Outfall	Potential Wetland	Closed Conveyance	CLO-74859	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-8783	Unverified	Unknown	Closed Conveyance	CLO-145077	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-8790	Unverified	Unverified Outfall	Closed Conveyance	CLO-145083	Pipe	Pipe	0	0	0	0.00000000000	LCPE	No
LNK-8801	Unverified	Unverified Outfall	Closed Conveyance	CLO-79184	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-8829	Unverified	Unverified Outfall	Closed Conveyance	CLO-79296	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-8844	Unverified	Unknown	Closed Conveyance	CLO-71371	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-8860	Unverified	Unverified Outfall	Closed Conveyance	CLO-71370	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-8874	Unverified	Unknown	Closed Conveyance	CLO-76152	Culvert	Round	0	0	0	0.00000000000		No
LNK-8876	Unverified	Unknown	Closed Conveyance	CLO-75891	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-8884	Unverified	Unknown	Closed Conveyance	CLO-75927	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8885	Unverified	Unknown	Closed Conveyance	CLO-76067	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-8888	Unverified	Unknown	Closed Conveyance	CLO-76955	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-8891	Unverified	Unknown	Closed Conveyance	CLO-77269	Culvert	Round	24	0	0	0.00000000000		No
LNK-8893	Unverified	Unverified Outfall	Closed Conveyance	CLO-145151	Culvert	Round	66	0	0	0.00000000000	Aluminum	No
LNK-8912	Unverified	Unknown	Closed Conveyance	CLO-20814	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-8955	Unverified	Unknown	Closed Conveyance	CLO-79079	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-8956	Unverified	Unknown	Closed Conveyance	CLO-77704	Culvert	Round	24	0	0	0.00000000000	Plastic	No
LNK-8963	Unverified	Unknown	Closed Conveyance	CLO-77661	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-8969	Unverified	Unknown	Closed Conveyance	CLO-77764	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-8975	Unverified	Unknown	Closed Conveyance	CLO-77351	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-8976	Unverified	Unknown	Closed Conveyance	CLO-77599	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-8978	Unverified	Unknown	Closed Conveyance	CLO-77119	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-8981	Unverified	Unknown	Closed Conveyance	CLO-77500	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-8996	Unverified	Unknown	Closed Conveyance	CLO-68265	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9001	Outfall	Stream	Closed Conveyance	CLO-19028	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-9004	Outfall	Stream	Closed Conveyance	CLO-68177	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9006	Outfall	Stream	Closed Conveyance	CLO-68145	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-9008	Unverified	Unknown	Closed Conveyance	CLO-77267	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-9011	Outfall	Stream	Closed Conveyance	CLO-19097	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-9017	Unverified	Unknown	Closed Conveyance	CLO-68223	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-9025	Outfall	Stream	Closed Conveyance	CLO-68063	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9028	Unverified	Unknown	Closed Conveyance	CLO-68027	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-9032	Unverified	Unknown	Closed Conveyance	CLO-77470	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9034	Unverified	Unknown	Closed Conveyance	CLO-77790	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9035	Unverified	Unknown	Closed Conveyance	CLO-77761	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9036	Unverified	Unknown	Closed Conveyance	CLO-76906	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-9037	Unverified	Unknown	Closed Conveyance	CLO-76947	Culvert	Round	10	0	0	0.00000000000	Concrete	None
LNK-9039	Unverified	Unknown	Closed Conveyance	CLO-76654	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9040	Unverified	Unknown	Closed Conveyance	CLO-76713	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9041	Unverified	Unknown	Closed Conveyance	CLO-76832	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9042	Unverified	Unknown	Closed Conveyance	CLO-20109	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-9044	Unverified	Unknown	Closed Conveyance	CLO-76696	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9049	Outfall	Stream	Closed Conveyance	CLO-67342	Culvert	Round	0	0	0	0.00000000000	Metal	No
LNK-9053	Unverified	Unknown	Closed Conveyance	CLO-67373	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9055	Outfall	Stream	Closed Conveyance	CLO-67589	Culvert	Round	15	0	0	0.00000000000	Concrete	None
LNK-9058	Unverified	Unknown	Closed Conveyance	CLO-133617	Pipe	Pipe	12	0	0	0.00000000000	DI	No
LNK-9059	Unverified	Unknown	Closed Conveyance	CLO-119406	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-9061	Outfall	Wetland	Closed Conveyance	CLO-68536	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9066	Unverified	Unknown	Closed Conveyance	CLO-76678	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-9067	Unverified	Unknown	Closed Conveyance	CLO-77266	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9068	Unverified	Unknown	Closed Conveyance	CLO-76812	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-9069	Unverified	Unknown	Closed Conveyance	CLO-76992	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-9078	Unverified	Unknown	Closed Conveyance	CLO-20265	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-9080	Unverified	Unknown	Closed Conveyance	CLO-77530	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9088	Unverified	Unknown	Closed Conveyance	CLO-20278	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9096	Unverified	Unknown	Closed Conveyance	CLO-77527	Culvert	Round	12	0	0	0.00000000000	Concrete	None

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-9101	Unverified	Unknown	Closed Conveyance	CLO-10583	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-9104	Unverified	Unknown	Closed Conveyance	CLO-67450	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9105	Unverified	Unknown	Closed Conveyance	CLO-20210	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-9107	Unverified	Unknown	Closed Conveyance	CLO-77537	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9109	Unverified	Unknown	Closed Conveyance	CLO-67598	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-9110	Unverified	Unknown	Closed Conveyance	CLO-60069	Pipe	Pipe	6	0	0	0.00000000000	Plastic	No
LNK-9111	Unverified	Unknown	Closed Conveyance	CLO-77559	Culvert	Round	4	0	0	0.00000000000	Plastic	No
LNK-9113	Outfall	Potential Wetland	Closed Conveyance	CLO-77705	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9125	Unverified	Unknown	Closed Conveyance	CLO-77735	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-9128	Unverified	Unknown	Closed Conveyance	CLO-67324	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-9151	Unverified	Unverified Outfall	Closed Conveyance	CLO-78868	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-9158	Outfall	Stream	Closed Conveyance	CLO-19621	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-9161	Unverified	Unknown	Closed Conveyance	CLO-78892	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-9168	Unverified	Unknown	Closed Conveyance	CLO-79105	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-9170	Unverified	Unknown	Closed Conveyance	CLO-79191	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-9172	Unverified	Unknown	Closed Conveyance	CLO-76356	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-9173	Unverified	Unknown	Closed Conveyance	CLO-76564	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-9179	Unverified	Unknown	Closed Conveyance	CLO-76861	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9189	Unverified	Unknown	Closed Conveyance	CLO-76502	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-9194	Unverified	Unknown	Closed Conveyance	CLO-79028	Culvert	Round	12	0	0	0.00000000000	CPEP	No
LNK-9200	Unverified	Unknown	Closed Conveyance	CLO-76274	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9202	Unverified	Unknown	Closed Conveyance	CLO-10770	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9249	Unverified	Unknown	Closed Conveyance	CLO-68016	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-9250	Unverified	Unknown	Closed Conveyance	CLO-76308	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9254	Unverified	Unknown	Closed Conveyance	CLO-76547	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9271	Unverified	Unknown	Closed Conveyance	CLO-19283	Pipe	Pipe	42	0	0	8.00000000000	Concrete	No
LNK-9279	Outfall	Unknown	Closed Conveyance	CLO-19322	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-9280	Outfall	Unknown	Closed Conveyance	CLO-76403	Culvert	Round	0	0	0	0.00000000000	Metal	No
LNK-9307	Unverified	Unknown	Closed Conveyance	CLO-77292	Culvert	Round	6	0	0	0.00000000000	Plastic	No
LNK-9334	Unverified	Unknown	Closed Conveyance	CLO-76317	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-9351	Unverified	Unknown	Closed Conveyance	CLO-68213	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-9450	Unverified	Unknown	Closed Conveyance	CLO-76434	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9472	Unverified	Unverified Outfall	Closed Conveyance	CLO-76312	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9473	Unverified	Unknown	Closed Conveyance	CLO-76491	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9536	Unverified	Unverified Outfall	Closed Conveyance	CLO-76462	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-9538	Unverified	Unverified Outfall	Closed Conveyance	CLO-76407	Pipe	Pipe	18	0	0	0.00000000000	Concrete	None
LNK-9564	Outfall	Stream	Closed Conveyance	CLO-76585	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9585	Unverified	Unverified Outfall	Closed Conveyance	CLO-76524	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9631	Unverified	Unknown	Closed Conveyance	CLO-19306	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-9841	Outfall	Stream	Closed Conveyance	CLO-12005	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9866	Outfall	Stream	Closed Conveyance	CLO-68535	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-9870	Outfall	Stream	Closed Conveyance	CLO-68179	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2491	Outfall	Stream	Closed Conveyance	CLO-68415	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2495	Outfall	Wetland	Closed Conveyance	CLO-68224	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-5795	Unverified	Unknown	Closed Conveyance	CLO-77698	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-699	Unverified	Unknown	Closed Conveyance	CLO-83837	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-7148	Outfall	Wetland	Closed Conveyance	CLO-71021	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-6829	Outfall	Stream	Closed Conveyance	CLO-77180	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-5796	Unverified	Unknown	Closed Conveyance	CLO-77623	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-4702	Unverified	Unknown	Closed Conveyance	CLO-77499	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-4691	Outfall	Wetland	Closed Conveyance	CLO-11040	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-2768	Unverified	Unknown	Closed Conveyance	CLO-19717	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-5000	Unverified	Unknown	Closed Conveyance	CLO-19988	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-5001	Unverified	Unknown	Closed Conveyance	CLO-67329	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2499	Unverified	Unknown	Closed Conveyance	CLO-68180	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4030	Outfall	Wetland	Closed Conveyance	CLO-20346	Pipe	Pipe	18	0	0	0.00000000000		No
LNK-4033	Unverified	Unknown	Closed Conveyance	CLO-77506	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5791	Outfall	Wetland	Closed Conveyance	CLO-20194	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-5452	Unverified	Unknown	Closed Conveyance	CLO-19739	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-4094	Outfall	Wetland	Closed Conveyance	CLO-10870	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-4099	Unverified	Unknown	Closed Conveyance	CLO-144811	Culvert	Box	0	72	84	0.00000000000	Concrete	No
LNK-4100	Unverified	Unknown	Closed Conveyance	CLO-144815	Pipe	Pipe	24	0	0	0.00000000000		No
LNK-4101	Outfall	Stream	Closed Conveyance	CLO-144819	Culvert	Box	0	120	84	0.00000000000	Concrete	No
LNK-4105	Unverified	Unknown	Closed Conveyance	CLO-144824	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-4106	Outfall	Wetland	Closed Conveyance	CLO-144828	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-4083	Unverified	Unverified Outfall	Closed Conveyance	CLO-76454	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-7614	Unverified	Unknown	Closed Conveyance	CLO-67968	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4040	Unverified	Unknown	Closed Conveyance	CLO-76368	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-7615	Unverified	Unknown	Closed Conveyance	CLO-67909	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7617	Unverified	Unknown	Closed Conveyance	CLO-68004	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7618	Outfall	Stream	Closed Conveyance	CLO-67911	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-4046	Unverified	Unknown	Closed Conveyance	CLO-59967	Pipe	Pipe	6	0	0	0.00000000000	Concrete	No
LNK-4049	Unverified	Unknown	Closed Conveyance	CLO-59959	Pipe	Pipe	6	0	0	0.00000000000	Concrete	No
LNK-7619	Unverified	Unknown	Closed Conveyance	CLO-67885	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4057	Outfall	Stream	Closed Conveyance	CLO-19352	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-7620	Unverified	Unknown	Closed Conveyance	CLO-68203	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7621	Unverified	Unknown	Closed Conveyance	CLO-68282	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6784	Unverified	Unknown	Closed Conveyance	CLO-68491	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6783	Unverified	Unknown	Closed Conveyance	CLO-68258	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7622	Unverified	Unknown	Closed Conveyance	CLO-68363	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4068	Unverified	Unknown	Closed Conveyance	CLO-19428	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-6782	Unverified	Unknown	Closed Conveyance	CLO-68529	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7623	Unverified	Unknown	Closed Conveyance	CLO-67827	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6781	Unverified	Unknown	Closed Conveyance	CLO-68451	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7624	Unverified	Unknown	Closed Conveyance	CLO-68247	Culvert	Round	30	0	0	0.00000000000	Metal	No
LNK-7625	Unverified	Unknown	Closed Conveyance	CLO-68322	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6776	Unverified	Unknown	Closed Conveyance	CLO-68490	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7626	Unverified	Unknown	Closed Conveyance	CLO-67829	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6775	Unverified	Unknown	Closed Conveyance	CLO-68097	Culvert	Round	18	0	0	0.00000000000	Metal	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-4145	Unverified	Unknown	Closed Conveyance	CLO-76200	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-7630	Unverified	Unknown	Closed Conveyance	CLO-68048	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4146	Unverified	Unknown	Closed Conveyance	CLO-76372	Pipe	Pipe	12	0	0	0.00000000000	Concrete	None
LNK-6774	Unverified	Unknown	Closed Conveyance	CLO-68375	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7631	Unverified	Unknown	Closed Conveyance	CLO-68131	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4148	Unverified	Unknown	Closed Conveyance	CLO-76612	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-7632	Unverified	Unknown	Closed Conveyance	CLO-68166	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4153	Unverified	Unknown	Closed Conveyance	CLO-19492	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-7633	Unverified	Unknown	Closed Conveyance	CLO-68447	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4154	Unverified	Unknown	Closed Conveyance	CLO-19244	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-4155	Outfall	Unknown	Closed Conveyance	CLO-19408	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-7634	Unverified	Unknown	Closed Conveyance	CLO-68018	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6724	Outfall	Stream	Closed Conveyance	CLO-67683	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7635	Unverified	Unknown	Closed Conveyance	CLO-68332	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4158	Unverified	Unknown	Closed Conveyance	CLO-19477	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-6725	Outfall	Stream	Closed Conveyance	CLO-67879	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6732	Outfall	Stream	Closed Conveyance	CLO-67797	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6726	Outfall	Stream	Closed Conveyance	CLO-67880	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6727	Outfall	Stream	Closed Conveyance	CLO-67859	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-6728	Outfall	Stream	Closed Conveyance	CLO-67936	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-4164	Outfall	Unknown	Closed Conveyance	CLO-20221	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-6719	Outfall	Stream	Closed Conveyance	CLO-68264	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6720	Outfall	Stream	Closed Conveyance	CLO-68457	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4166	Outfall	Wetland	Closed Conveyance	CLO-76458	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-6718	Outfall	Stream	Closed Conveyance	CLO-68456	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4167	Outfall	Wetland	Closed Conveyance	CLO-76309	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4168	Outfall	Unknown	Closed Conveyance	CLO-19447	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-6715	Outfall	Stream	Closed Conveyance	CLO-68495	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6777	Outfall	Stream	Closed Conveyance	CLO-68603	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7603	Unverified	Unverified Outfall	Closed Conveyance	CLO-68050	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7602	Unverified	Unverified Outfall	Closed Conveyance	CLO-68289	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7601	Unverified	Unverified Outfall	Closed Conveyance	CLO-68253	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7605	Unverified	Unknown	Closed Conveyance	CLO-68403	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7600	Unverified	Unverified Outfall	Closed Conveyance	CLO-68524	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7599	Unverified	Unverified Outfall	Closed Conveyance	CLO-68211	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7595	Outfall	Stream	Closed Conveyance	CLO-68133	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7596	Unverified	Unverified Outfall	Closed Conveyance	CLO-68165	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6690	Outfall	Potential Stream	Closed Conveyance	CLO-68297	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7597	Unverified	Unverified Outfall	Closed Conveyance	CLO-68598	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7598	Unverified	Unverified Outfall	Closed Conveyance	CLO-68562	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7606	Outfall	Wetland	Closed Conveyance	CLO-68328	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7594	Outfall	Stream	Closed Conveyance	CLO-68132	Culvert	Round	15	0	0	0.00000000000	Metal	No
LNK-7608	Outfall	Stream	Closed Conveyance	CLO-68134	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7593	Unverified	Unverified Outfall	Closed Conveyance	CLO-68370	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7590	Unverified	Unverified Outfall	Closed Conveyance	CLO-68015	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7592	Unverified	Unverified Outfall	Closed Conveyance	CLO-68597	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7591	Unverified	Unverified Outfall	Closed Conveyance	CLO-68561	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7584	Outfall	Stream	Closed Conveyance	CLO-68092	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7589	Outfall	Unverified Outfall	Closed Conveyance	CLO-68485	Culvert	Round	15	0	0	0.00000000000	Metal	No
LNK-7583	Outfall	Stream	Closed Conveyance	CLO-68484	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7588	Outfall	Stream	Closed Conveyance	CLO-68446	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7587	Outfall	Stream	Closed Conveyance	CLO-68252	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7585	Outfall	Stream	Closed Conveyance	CLO-68522	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7582	Unverified	Unverified Outfall	Closed Conveyance	CLO-68091	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7586	Outfall	Stream	Closed Conveyance	CLO-68445	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6686	Outfall	Unverified Outfall	Closed Conveyance	CLO-68412	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7567	Unverified	Unknown	Closed Conveyance	CLO-68326	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7581	Outfall	Stream	Closed Conveyance	CLO-68049	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7568	Outfall	Stream	Closed Conveyance	CLO-68210	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7609	Unverified	Unknown	Closed Conveyance	CLO-68329	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7566	Unverified	Unverified Outfall	Closed Conveyance	CLO-68325	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7572	Outfall	Stream	Closed Conveyance	CLO-68596	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7569	Outfall	Stream	Closed Conveyance	CLO-68014	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7580	Outfall	Stream	Closed Conveyance	CLO-68369	Culvert	Round	60	0	0	0.00000000000	Metal	No
LNK-7574	Unverified	Unverified Outfall	Closed Conveyance	CLO-68521	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7575	Outfall	Stream	Closed Conveyance	CLO-68401	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7576	Outfall	Stream	Closed Conveyance	CLO-68560	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-7579	Outfall	Stream	Closed Conveyance	CLO-68368	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7577	Unverified	Stream	Closed Conveyance	CLO-68090	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7578	Outfall	Stream	Closed Conveyance	CLO-68483	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7564	Outfall	Stream	Closed Conveyance	CLO-68163	Culvert	Round	30	0	0	0.00000000000	Metal	No
LNK-7565	Unverified	Unverified Outfall	Closed Conveyance	CLO-68164	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7557	Unverified	Unknown	Closed Conveyance	CLO-68400	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7558	Unverified	Unknown	Closed Conveyance	CLO-68250	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-7559	Unverified	Unknown	Closed Conveyance	CLO-68286	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7560	Unverified	Unknown	Closed Conveyance	CLO-68520	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7562	Unverified	Unknown	Closed Conveyance	CLO-68209	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7563	Unverified	Unknown	Closed Conveyance	CLO-68595	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7610	Outfall	Stream	Closed Conveyance	CLO-68093	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7611	Outfall	Stream	Closed Conveyance	CLO-68525	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-4189	Unverified	Unknown	Closed Conveyance	CLO-19479	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-7613	Outfall	Stream	Closed Conveyance	CLO-68254	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6733	Outfall	Stream	Closed Conveyance	CLO-68599	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6734	Outfall	Stream	Closed Conveyance	CLO-68051	Culvert	Round	48	0	0	0.00000000000	Metal	No
LNK-6736	Unverified	Unverified Outfall	Closed Conveyance	CLO-68486	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-4191	Unverified	Unknown	Closed Conveyance	CLO-76406	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-6737	Unverified	Unverified Outfall	Closed Conveyance	CLO-68330	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6738	Outfall	Wetland	Closed Conveyance	CLO-68331	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6739	Unverified	Unverified Outfall	Closed Conveyance	CLO-68371	Culvert	Round	24	0	0	0.00000000000	Metal	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-6740	Outfall	Wetland	Closed Conveyance	CLO-68372	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6741	Outfall	Wetland	Closed Conveyance	CLO-68052	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6742	Outfall	Wetland	Closed Conveyance	CLO-68600	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6743	Unverified	Unknown	Closed Conveyance	CLO-68053	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-4210	Outfall	Stream	Closed Conveyance	CLO-19448	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-4211	Unverified	Unknown	Closed Conveyance	CLO-76313	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-6744	Unverified	Unknown	Closed Conveyance	CLO-68526	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6745	Unverified	Unknown	Closed Conveyance	CLO-68448	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-4212	Unverified	Unknown	Closed Conveyance	CLO-19285	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-6746	Unverified	Unknown	Closed Conveyance	CLO-68255	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6749	Unverified	Unknown	Closed Conveyance	CLO-68094	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-4947	Outfall	Stream	Closed Conveyance	CLO-106581	Culvert	Round	96	0	0	0.00000000000	Metal	No
LNK-4944	Outfall	Stream	Closed Conveyance	CLO-76380	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-4942	Outfall	Stream	Closed Conveyance	CLO-76466	Pipe	Pipe	18	0	0	0.00000000000	RCP	Asphalt
LNK-10291	Outfall	Stream	Closed Conveyance	CLO-5602	Pipe	Pipe	48	0	0	0.00000000000		No
LNK-10292	Outfall	Stream	Closed Conveyance	CLO-5507	Pipe	Pipe	33	0	0	0.00000000000	Clay	No
LNK-10293	Outfall	Stream	Closed Conveyance	CLO-5720	Pipe	Pipe	60	0	0	0.00000000000		No
LNK-10294	Outfall	Stream	Closed Conveyance	CLO-5970	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-10755	Unverified	Ground	Closed Conveyance	CLO-66106	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-10867	Outfall	Stream	Closed Conveyance	CLO-66658	Pipe	Pipe	12	0	0	0.00000000000	DI	No
LNK-10868	Outfall	Stream	Closed Conveyance	CLO-66659	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-11839	Outfall	Stream	Closed Conveyance	CLO-76219	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-11842	Outfall	Stream	Closed Conveyance	CLO-19241	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-11867	Outfall	Stream	Closed Conveyance	CLO-71023	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-11868	Outfall	Stream	Closed Conveyance	CLO-12086	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-11869	Outfall	Stream	Closed Conveyance	CLO-12167	Pipe	Pipe	27	0	0	0.00000000000	HDPE	No
LNK-12429	Outfall	Wetland	Closed Conveyance	CLO-105340	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-12683	Outfall	Marine	Closed Conveyance	CLO-106059	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-12684	Outfall	Marine	Closed Conveyance	CLO-106060	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-12746	Outfall	Stream	Closed Conveyance	CLO-106524	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-13462	Outfall	Wetland	Closed Conveyance	CLO-109822	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-13515	Outfall	Wetland	Closed Conveyance	CLO-110415	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-13976	Outfall	Stream	Closed Conveyance	CLO-120638	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-14410	Outfall	Stream	Closed Conveyance	CLO-120053	Pipe	Pipe	12	0	0	0.00000000000	Aluminum	No
LNK-15010	Outfall	Potential Stream	Closed Conveyance	CLO-97612	Culvert	Round	18	0	0	0.80000000000	Metal	No
LNK-15295	Outfall	Stream	Closed Conveyance	CLO-123277	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-15628	Unverified	Unknown	Closed Conveyance	CLO-125967	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-17236	Outfall	Stream	Closed Conveyance	CLO-128666	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-19085	Outfall	Stream	Closed Conveyance	CLO-35668	Pipe	Pipe	18	0	0	0.00000000000	RCP	No
LNK-19212	Outfall	Wetland	Closed Conveyance	CLO-131382	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-19213	Outfall	Stream	Closed Conveyance	CLO-131055	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-19214	Outfall	Wetland	Closed Conveyance	CLO-88595	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-19313	Outfall	Unknown	Closed Conveyance	CLO-131562	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-19315	Outfall	Unknown	Closed Conveyance	CLO-97149	Culvert	Round	24	0	0	0.00000000000	Plastic	No
LNK-19319	Outfall	Stream	Closed Conveyance	CLO-97152	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-19320	Outfall	Unknown	Closed Conveyance	CLO-97154	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-19321	Outfall	Stream	Closed Conveyance	CLO-97153	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-19396	Outfall	Potential Wetland	Closed Conveyance	CLO-131453	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-19397	Outfall	Potential Wetland	Closed Conveyance	CLO-74922	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-19552	Outfall	Unknown	Closed Conveyance	CLO-96528	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-19578	Outfall	Stream	Closed Conveyance	CLO-96532	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-19613	Outfall	Potential Wetland	Closed Conveyance	CLO-18139	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-19664	Outfall	Wetland	Closed Conveyance	CLO-115233	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-19716	Outfall	Unknown	Closed Conveyance	CLO-67625	Culvert	Round	18	0	0	0.00000000000	LCPE	None
LNK-20172	Outfall	Stream	Closed Conveyance	CLO-68573	Culvert	Round	30	0	0	0.00000000000	Metal	No
LNK-20173	Outfall	Stream	Closed Conveyance	CLO-67751	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-20174	Outfall	Stream	Closed Conveyance	CLO-68378	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-20420	Outfall	Stream	Closed Conveyance	CLO-134482	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-20538	Outfall	Stream	Closed Conveyance	CLO-134785	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-21137	Outfall	Stream	Closed Conveyance	CLO-130216	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-21138	Outfall	Stream	Closed Conveyance	CLO-130217	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-21231	Outfall	Stream	Closed Conveyance	CLO-35568	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-21518	Outfall	Lake	Closed Conveyance	CLO-136760	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-22786	Outfall	Stream	Closed Conveyance	CLO-139030	Pipe	Pipe	10	0	0	0.00000000000	Concrete	No
LNK-22787	Outfall	Stream	Closed Conveyance	CLO-139056	Pipe	Pipe	10	0	0	0.00000000000	Concrete	No
LNK-22968	Outfall	Wetland	Closed Conveyance	CLO-122960	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-22985	Outfall	Stream	Closed Conveyance	CLO-139275	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-23240	Outfall	Ground	Closed Conveyance	CLO-111297	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-23248	Outfall	Potential Stream	Closed Conveyance	CLO-110690	Culvert	Round	36	0	0	0.00000000000	Concrete	No
LNK-23249	Outfall	Potential Stream	Closed Conveyance	CLO-110689	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-23260	Outfall	Potential Stream	Closed Conveyance	CLO-110683	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-23261	Outfall	Potential Stream	Closed Conveyance	CLO-110682	Culvert	Round	18	0	0	0.00000000000	Aluminum	No
LNK-23265	Outfall	Potential Stream	Closed Conveyance	CLO-110681	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-23271	Outfall	Potential Stream	Closed Conveyance	CLO-111332	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-23279	Outfall	Potential Stream	Closed Conveyance	CLO-111326	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-23280	Outfall	Potential Stream	Closed Conveyance	CLO-111325	Culvert	Round	12	0	0	0.00000000000	Clay	No
LNK-23281	Outfall	Potential Stream	Closed Conveyance	CLO-111324	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-23282	Outfall	Potential Stream	Closed Conveyance	CLO-111323	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-23288	Outfall	Potential Stream	Closed Conveyance	CLO-111316	Culvert	Round	12	0	0	0.00000000000	Aluminum	No
LNK-23290	Outfall	Potential Stream	Closed Conveyance	CLO-111314	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-23293	Outfall	Potential Stream	Closed Conveyance	CLO-111312	Culvert	Round	36	0	0	0.00000000000	Concrete	No
LNK-23564	Outfall	Potential Stream	Closed Conveyance	CLO-140306	Culvert	Round	4	0	0	0.00000000000	PVC	No
LNK-23565	Outfall	Potential Stream	Closed Conveyance	CLO-140309	Culvert	Round	4	0	0	0.00000000000	PVC	No
LNK-23566	Outfall	Potential Stream	Closed Conveyance	CLO-140305	Culvert	Round	4	0	0	0.00000000000	PVC	No
LNK-23561	Outfall	Potential Stream	Closed Conveyance	CLO-139783	Pipe	Underdrain	8	0	0	0.00000000000	PVC	No
LNK-23730	Outfall	Stream	Closed Conveyance	CLO-131445	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-23747	Outfall	Stream	Closed Conveyance	CLO-138569	Pipe	Pipe	36	0	0	0.00000000000	Concrete	No
LNK-23994	Outfall	Stream	Closed Conveyance	CLO-17290	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-24025	Outfall	Stream	Closed Conveyance	CLO-132031	Culvert	Round	36	0	0	0.00000000000	Metal	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-24162	Outfall	Lake	Closed Conveyance	CLO-139268	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-24275	Outfall	Stream	Closed Conveyance	CLO-138432	Pipe	Pipe	8	0	0	0.00000000000	PVC	No
LNK-24317	Outfall	Stream	Closed Conveyance	CLO-141750	Pipe	Pipe	24	0	0	0.00000000000	RCP	No
LNK-24318	Outfall	Stream	Closed Conveyance	CLO-141751	Pipe	Pipe	10	0	0	0.00000000000	DI	No
LNK-24328	Outfall	Wetland	Closed Conveyance	CLO-141890	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-24330	Outfall	Wetland	Closed Conveyance	CLO-141805	Pipe	Pipe	8	0	0	0.00000000000	DI	No
LNK-24331	Outfall	Wetland	Closed Conveyance	CLO-141860	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-24375	Outfall	Stream	Closed Conveyance	CLO-132109	Pipe	Pipe	12	0	0	0.00000000000	Metal	Galvanized
LNK-24794	Outfall	Stream	Closed Conveyance	CLO-84934	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-24806	Outfall	Stream	Closed Conveyance	CLO-69861	Culvert	Round	30	0	0	6.40000000000	Metal	No
LNK-24808	Outfall	Stream	Closed Conveyance	CLO-11701	Pipe	Pipe	30	0	0	11.00000000000	Metal	No
LNK-24814	Outfall	Stream	Closed Conveyance	CLO-67586	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-24828	Outfall	Stream	Closed Conveyance	CLO-68170	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-24836	Outfall	Stream	Closed Conveyance	CLO-76340	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-24841	Outfall	Stream	Closed Conveyance	CLO-132825	Pipe	Pipe	24	0	0	0.00000000000	Clay	No
LNK-24861	Outfall	Stream	Closed Conveyance	CLO-93476	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-24862	Outfall	Stream	Closed Conveyance	CLO-27033	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-24872	Outfall	Stream	Closed Conveyance	CLO-68139	Culvert	Round	72	0	0	0.00000000000	Metal	No
LNK-24899	Outfall	Stream	Closed Conveyance	CLO-76527	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-24900	Outfall	Stream	Closed Conveyance	CLO-132102	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-24901	Outfall	Stream	Closed Conveyance	CLO-132101	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-24902	Outfall	Stream	Closed Conveyance	CLO-132100	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-24912	Outfall	Stream	Closed Conveyance	CLO-144829	Culvert	Box	0	144	84	0.00000000000	Concrete	No
LNK-24913	Outfall	Stream	Closed Conveyance	CLO-10572	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-24933	Outfall	Potential Stream	Closed Conveyance	CLO-139350	Culvert	Round	10	0	0	0.00000000000	DI	No
LNK-24934	Outfall	Potential Stream	Closed Conveyance	CLO-115995	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-24935	Outfall	Stream	Closed Conveyance	CLO-121204	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-24936	Outfall	Stream	Closed Conveyance	CLO-132099	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-24937	Outfall	Stream	Closed Conveyance	CLO-142419	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-24950	Outfall	Stream	Closed Conveyance	CLO-68615	Culvert	Round	0	0	0	0.00000000000		No
LNK-24954	Outfall	Stream	Closed Conveyance	CLO-67313	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-24957	Outfall	Stream	Closed Conveyance	CLO-68409	Culvert	Round	48	0	0	4.20000000000	Metal	No
LNK-25047	Outfall	Stream	Closed Conveyance	CLO-143181	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-25048	Outfall	Stream	Closed Conveyance	CLO-143257	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-25281	Outfall	Wetland	Closed Conveyance	CLO-142486	Pipe	Pipe	8	0	0	0.00000000000	LCPE	No
LNK-25345	Outfall	Stream	Closed Conveyance	CLO-143000	Pipe	Pipe	15	0	0	0.00000000000	Concrete	No
LNK-25346	Outfall	Stream	Closed Conveyance	CLO-142823	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-26064	Outfall	Stream	Closed Conveyance	CLO-138435	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-26135	Outfall	Lake	Closed Conveyance	CLO-649	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-26172	Outfall	Wetland	Closed Conveyance	CLO-112651	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-26173	Outfall	Wetland	Closed Conveyance	CLO-112654	Pipe	Pipe	6	0	0	0.00000000000	PVC	No
LNK-26174	Outfall	Stream	Closed Conveyance	CLO-124740	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-26186	Outfall	Stream	Closed Conveyance	CLO-143443	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-26217	Outfall	Wetland	Closed Conveyance	CLO-135082	Pipe	Pipe	6	0	0	0.00000000000	PVC	No
LNK-26238	Outfall	Stream	Closed Conveyance	CLO-146625	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-26270	Outfall	Stream	Closed Conveyance	CLO-129890	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-26312	Outfall	Stream	Closed Conveyance	CLO-135361	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-26325	Outfall	Stream	Closed Conveyance	CLO-144861	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-26421	Outfall	Stream	Closed Conveyance	CLO-145055	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-26440	Outfall	Unknown	Closed Conveyance	CLO-71612	Culvert	Round	15	0	0	0.00000000000	Metal	No
LNK-26507	Outfall	Stream	Closed Conveyance	CLO-12397	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-26512	Outfall	Lake	Closed Conveyance	CLO-141669	Pipe	Pipe	36	0	0	0.00000000000	Concrete	No
LNK-26565	Outfall	Potential Stream	Closed Conveyance	CLO-28465	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-10056	Outfall	Stream	Closed Conveyance	CLO-756	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-10043	Outfall	Potential Wetland	Closed Conveyance	CLO-770	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-10055	Outfall	Stream	Closed Conveyance	CLO-761	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-10038	Outfall	Stream	Closed Conveyance	CLO-1018	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-10102	Outfall	Wetland	Closed Conveyance	CLO-3432	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-10111	Outfall	Wetland	Closed Conveyance	CLO-3747	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-10112	Outfall	Wetland	Closed Conveyance	CLO-3747	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-10021	Outfall	Wetland	Closed Conveyance	CLO-58602	Pipe	Pipe	6	0	0	0.00000000000		No
LNK-10022	Outfall	Stream	Closed Conveyance	CLO-58603	Pipe	Pipe	6	0	0	0.00000000000		No
LNK-9972	Outfall	Stream	Closed Conveyance	CLO-1583	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-10017	Outfall	Stream	Closed Conveyance	CLO-103779	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-10031	Outfall	Stream	Closed Conveyance	CLO-1108	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-10136	Outfall	Wetland	Closed Conveyance	CLO-3547	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-10142	Outfall	Stream	Closed Conveyance	CLO-98083	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-10086	Outfall	Stream	Closed Conveyance	CLO-3768	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-5603	Outfall	Wetland	Closed Conveyance	CLO-69934	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5640	Outfall	Stream	Closed Conveyance	CLO-11913	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-5641	Outfall	Stream	Closed Conveyance	CLO-69744	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-5649	Outfall	Marine	Closed Conveyance	CLO-11730	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-5650	Outfall	Stream	Closed Conveyance	CLO-11855	Pipe	Pipe	15	0	0	0.00000000000	LCPE	No
LNK-5655	Outfall	Marine	Closed Conveyance	CLO-69530	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-5657	Outfall	Marine	Closed Conveyance	CLO-11727	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-5658	Outfall	Marine	Closed Conveyance	CLO-136748	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-5674	Unverified	Unverified Connection	Closed Conveyance	CLO-69496	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6007	Outfall	Stream	Closed Conveyance	CLO-68974	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6009	Outfall	Marine	Closed Conveyance	CLO-11501	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-6010	Outfall	Marine	Closed Conveyance	CLO-11198	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-6027	Outfall	Marine	Closed Conveyance	CLO-11210	Pipe	Pipe	12	0	0	0.00000000000	CPEP	No
LNK-6028	Outfall	Marine	Closed Conveyance	CLO-11135	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6029	Outfall	Marine	Closed Conveyance	CLO-11357	Pipe	Pipe	10	0	0	0.00000000000	Concrete	No
LNK-6030	Outfall	Marine	Closed Conveyance	CLO-11378	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-6031	Outfall	Marine	Closed Conveyance	CLO-11286	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-6032	Outfall	Marine	Closed Conveyance	CLO-11209	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6033	Outfall	Stream	Closed Conveyance	CLO-68916	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6037	Outfall	Wetland	Closed Conveyance	CLO-11445	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-6050	Outfall	Potential Wetland	Closed Conveyance	CLO-68663	Culvert	Round	18	0	0	0.00000000000	LCPE	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-6051	Outfall	Potential Wetland	Closed Conveyance	CLO-11519	Pipe	Pipe	8	0	0	0.00000000000	CPEP	No
LNK-6072	Outfall	Wetland	Closed Conveyance	CLO-69353	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-6087	Outfall	Stream	Closed Conveyance	CLO-69372	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6102	Outfall	Marine	Closed Conveyance	CLO-11132	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-6103	Outfall	Stream	Closed Conveyance	CLO-11131	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6109	Outfall	Marine	Closed Conveyance	CLO-11376	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-6110	Outfall	Marine	Closed Conveyance	CLO-11169	Pipe	Pipe	30	0	0	0.00000000000	HDPE	No
LNK-6121	Outfall	Stream	Closed Conveyance	CLO-69183	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-6126	Outfall	Stream	Closed Conveyance	CLO-69282	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6127	Outfall	Stream	Closed Conveyance	CLO-69063	Culvert	Round	8	0	0	0.00000000000	Concrete	None
LNK-6128	Outfall	Wetland	Closed Conveyance	CLO-69086	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6129	Outfall	Wetland	Closed Conveyance	CLO-69338	Culvert	Round	8	0	0	0.00000000000	Concrete	None
LNK-6131	Outfall	Wetland	Closed Conveyance	CLO-69084	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6132	Outfall	Wetland	Closed Conveyance	CLO-69261	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6133	Outfall	Stream	Closed Conveyance	CLO-136347	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6134	Outfall	Stream	Closed Conveyance	CLO-136450	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-6135	Outfall	Stream	Closed Conveyance	CLO-136454	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-6024	Outfall	Ground	Closed Conveyance	CLO-109573	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-6168	Outfall	Potential Stream	Closed Conveyance	CLO-68932	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6176	Outfall	Wetland	Closed Conveyance	CLO-68820	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6179	Outfall	Marine	Closed Conveyance	CLO-68819	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6187	Outfall	Wetland	Closed Conveyance	CLO-68793	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-6188	Outfall	Potential Wetland	Closed Conveyance	CLO-69096	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6191	Outfall	Marine	Closed Conveyance	CLO-11014	Pipe	Pipe	15	0	0	0.00000000000	Concrete	No
LNK-6192	Outfall	Marine	Closed Conveyance	CLO-11167	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6193	Outfall	Marine	Closed Conveyance	CLO-11001	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-6194	Outfall	Marine	Closed Conveyance	CLO-11111	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6197	Outfall	Marine	Closed Conveyance	CLO-11417	Pipe	Pipe	10	0	0	0.00000000000	Concrete	No
LNK-6210	Unverified	Unverified Connection	Closed Conveyance	CLO-70827	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6211	Unverified	Unverified Connection	Closed Conveyance	CLO-70507	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6212	Outfall	Lake	Closed Conveyance	CLO-70958	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6217	Unverified	Unverified Connection	Closed Conveyance	CLO-70678	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-6218	Unverified	Unverified Connection	Closed Conveyance	CLO-70959	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6233	Unverified	Unverified Connection	Closed Conveyance	CLO-70787	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6236	Unverified	Unverified Connection	Closed Conveyance	CLO-12181	Pipe	Pipe	8	0	0	0.00000000000	Plastic	No
LNK-6259	Unverified	Unverified Connection	Closed Conveyance	CLO-70130	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6260	Unverified	Unverified Connection	Closed Conveyance	CLO-70069	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-6262	Outfall	Wetland	Closed Conveyance	CLO-69614	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-6273	Outfall	Wetland	Closed Conveyance	CLO-70218	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6275	Unverified	Unverified Connection	Closed Conveyance	CLO-69814	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6276	Unverified	Unverified Connection	Closed Conveyance	CLO-69844	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6279	Outfall	Wetland	Closed Conveyance	CLO-69755	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-6280	Outfall	Wetland	Closed Conveyance	CLO-69479	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6281	Outfall	Wetland	Closed Conveyance	CLO-69723	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6286	Outfall	Unknown	Closed Conveyance	CLO-69694	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6289	Unverified	Unverified Connection	Closed Conveyance	CLO-69617	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6300	Unverified	Unverified Connection	Closed Conveyance	CLO-69514	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-6333	Outfall	Wetland	Closed Conveyance	CLO-70149	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6334	Outfall	Wetland	Closed Conveyance	CLO-70055	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6335	Outfall	Wetland	Closed Conveyance	CLO-70352	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6342	Outfall	Wetland	Closed Conveyance	CLO-69868	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6347	Outfall	Marine	Closed Conveyance	CLO-69630	Culvert	Round	18	0	0	0.00000000000	RCP	None
LNK-6370	Outfall	Marine	Closed Conveyance	CLO-12000	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6371	Outfall	Marine	Closed Conveyance	CLO-146321	Pipe	Pipe	8	0	0	0.00000000000	Concrete	No
LNK-6372	Outfall	Marine	Closed Conveyance	CLO-11929	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6374	Outfall	Marine	Closed Conveyance	CLO-11919	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6379	Outfall	Marine	Closed Conveyance	CLO-69656	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6392	Outfall	Wetland	Closed Conveyance	CLO-70351	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6395	Unverified	Unverified Connection	Closed Conveyance	CLO-70283	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6401	Unverified	Unverified Connection	Closed Conveyance	CLO-70262	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6402	Outfall	Wetland	Closed Conveyance	CLO-70038	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7188	Outfall	Wetland	Closed Conveyance	CLO-71362	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7199	Outfall	Stream	Closed Conveyance	CLO-70532	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7202	Unverified	Unverified Connection	Closed Conveyance	CLO-70469	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7205	Unverified	Unverified Connection	Closed Conveyance	CLO-70769	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-7206	Outfall	Wetland	Closed Conveyance	CLO-70636	Culvert	Round	12	0	0	0.00000000000	Other	No
LNK-7210	Outfall	Marine	Closed Conveyance	CLO-71001	Pipe	Pipe	8	0	0	0.00000000000	Metal	No
LNK-7211	Outfall	Wetland	Closed Conveyance	CLO-12465	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7213	Outfall	Marine	Closed Conveyance	CLO-123514	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7215	Unverified	Unverified Connection	Closed Conveyance	CLO-71107	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7743	Outfall	Marine	Closed Conveyance	CLO-11185	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7744	Outfall	Marine	Closed Conveyance	CLO-11171	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-7745	Outfall	Marine	Closed Conveyance	CLO-11261	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-7746	Outfall	Marine	Closed Conveyance	CLO-11401	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-7747	Outfall	Marine	Closed Conveyance	CLO-11260	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6409	Unverified	Stream	Closed Conveyance	CLO-70040	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-6410	Unverified	Wetland	Closed Conveyance	CLO-70295	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-6432	Outfall	Wetland	Closed Conveyance	CLO-70007	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-6433	Outfall	Wetland	Closed Conveyance	CLO-70161	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-6439	Outfall	Wetland	Closed Conveyance	CLO-70394	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8351	Unverified	Unverified Connection	Closed Conveyance	CLO-68073	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8352	Unverified	Unverified Connection	Closed Conveyance	CLO-68273	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8354	Unverified	Unverified Connection	Closed Conveyance	CLO-68191	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-8355	Unverified	Unverified Connection	Closed Conveyance	CLO-10989	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-8356	Unverified	Unverified Connection	Closed Conveyance	CLO-68274	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8358	Outfall	Wetland	Closed Conveyance	CLO-68235	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8359	Unverified	Unverified Connection	Closed Conveyance	CLO-68152	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8373	Outfall	Stream	Closed Conveyance	CLO-10986	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-8374	Outfall	Wetland	Closed Conveyance	CLO-68461	Culvert	Round	18	0	0	0.00000000000	Metal	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-8375	Outfall	Stream	Closed Conveyance	CLO-68156	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8388	Outfall	Wetland	Closed Conveyance	CLO-68304	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8393	Outfall	Wetland	Closed Conveyance	CLO-68302	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-6516	Outfall	Marine	Closed Conveyance	CLO-12275	Pipe	Pipe	0	0	0	0.00000000000	Plastic	No
LNK-6537	Outfall	Wetland	Closed Conveyance	CLO-70732	Culvert	Round	8	0	0	0.00000000000	Concrete	None
LNK-6541	Unverified	Unverified Connection	Closed Conveyance	CLO-70486	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6542	Outfall	Wetland	Closed Conveyance	CLO-70898	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6543	Outfall	Wetland	Closed Conveyance	CLO-70865	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6544	Outfall	Wetland	Closed Conveyance	CLO-70688	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-6993	Unverified	Unverified Connection	Closed Conveyance	CLO-70957	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6997	Unverified	Unverified Connection	Closed Conveyance	CLO-70527	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7001	Outfall	Stream	Closed Conveyance	CLO-12252	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-7005	Unverified	Unverified Connection	Closed Conveyance	CLO-70538	Culvert	Round	8	0	0	0.00000000000	Plastic	No
LNK-7008	Unverified	Unverified Connection	Closed Conveyance	CLO-70675	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7154	Outfall	Stream	Closed Conveyance	CLO-70983	Culvert	Round	8	0	0	0.00000000000	Concrete	None
LNK-7157	Unverified	Unverified Connection	Closed Conveyance	CLO-12151	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-7161	Outfall	Wetland	Closed Conveyance	CLO-70977	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7162	Outfall	Wetland	Closed Conveyance	CLO-70799	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-7748	Outfall	Marine	Closed Conveyance	CLO-11186	Pipe	Pipe	10	0	0	0.00000000000	Concrete	No
LNK-6172	Outfall	Marine	Closed Conveyance	CLO-11695	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-5866	Outfall	Stream	Closed Conveyance	CLO-67873	Culvert	Round	12	0	0	0.00000000000		No
LNK-5871	Outfall	Stream	Closed Conveyance	CLO-67989	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-5842	Unverified	Unverified Connection	Closed Conveyance	CLO-67298	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5841	Outfall	Wetland	Closed Conveyance	CLO-65979	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-5853	Outfall	Stream	Closed Conveyance	CLO-10695	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-5848	Outfall	Stream	Closed Conveyance	CLO-137338	Pipe	Pipe	30	0	0	0.00000000000	LCPE	No
LNK-5826	Outfall	Wetland	Closed Conveyance	CLO-67295	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6916	Outfall	Wetland	Closed Conveyance	CLO-10229	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-6918	Outfall	Stream	Closed Conveyance	CLO-132672	Pipe	Pipe	12	0	0	0.00000000000		No
LNK-6890	Outfall	Wetland	Closed Conveyance	CLO-119247	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-6891	Outfall	Potential Wetland	Closed Conveyance	CLO-10650	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-6893	Outfall	Wetland	Closed Conveyance	CLO-10532	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-6894	Outfall	Wetland	Closed Conveyance	CLO-10322	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-6895	Outfall	Wetland	Closed Conveyance	CLO-67444	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6901	Outfall	Potential Wetland	Closed Conveyance	CLO-67379	Culvert	Round	6	0	0	0.00000000000	Plastic	No
LNK-6934	Outfall	Wetland	Closed Conveyance	CLO-10236	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-6935	Unverified	Unverified Connection	Closed Conveyance	CLO-67495	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-6943	Outfall	Stream	Closed Conveyance	CLO-10219	Pipe	Pipe	24	0	0	12.80000000000	Concrete	No
LNK-6950	Outfall	Stream	Closed Conveyance	CLO-71610	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6952	Unverified	Unverified Connection	Closed Conveyance	CLO-71510	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-6973	Outfall	Potential Stream	Closed Conveyance	CLO-16482	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-7093	Outfall	Unverified Outfall	Closed Conveyance	CLO-16521	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-7094	Outfall	Stream	Closed Conveyance	CLO-16432	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-7146	Outfall	Stream	Closed Conveyance	CLO-71562	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-7648	Outfall	Stream	Closed Conveyance	CLO-16279	Pipe	Pipe	36	0	0	0.00000000000	Metal	Galvanized
LNK-7666	Outfall	Potential Wetland	Closed Conveyance	CLO-16182	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7686	Unverified	Unverified Connection	Closed Conveyance	CLO-72023	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7691	Outfall	Stream	Closed Conveyance	CLO-71997	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-7696	Outfall	Wetland	Closed Conveyance	CLO-16858	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-7697	Outfall	Wetland	Closed Conveyance	CLO-72141	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-7700	Unverified	Unverified Connection	Closed Conveyance	CLO-72014	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7702	Outfall	Stream	Closed Conveyance	CLO-72062	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7707	Outfall	Wetland	Closed Conveyance	CLO-16868	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-7709	Outfall	Wetland	Closed Conveyance	CLO-72001	Culvert	Round	0	0	0	0.00000000000		No
LNK-7710	Outfall	Wetland	Closed Conveyance	CLO-71880	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7711	Outfall	Potential Wetland	Closed Conveyance	CLO-135149	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-7712	Outfall	Potential Wetland	Closed Conveyance	CLO-71817	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-7713	Outfall	Stream	Closed Conveyance	CLO-72429	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7714	Outfall	Stream	Closed Conveyance	CLO-71999	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7715	Outfall	Stream	Closed Conveyance	CLO-71727	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7718	Outfall	Stream	Closed Conveyance	CLO-71813	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-2144	Outfall	Stream	Closed Conveyance	CLO-72902	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2949	Outfall	Stream	Closed Conveyance	CLO-140330	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-2953	Outfall	Stream	Closed Conveyance	CLO-73507	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2954	Outfall	Stream	Closed Conveyance	CLO-17455	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-2959	Outfall	Stream	Closed Conveyance	CLO-73915	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-3039	Outfall	Stream	Closed Conveyance	CLO-17297	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-3053	Outfall	Stream	Closed Conveyance	CLO-73400	Culvert	Squash	0	36	60	0.00000000000	Metal	No
LNK-3064	Outfall	Stream	Closed Conveyance	CLO-73468	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-3065	Outfall	Stream	Closed Conveyance	CLO-73067	Culvert	Round	15	0	0	0.00000000000	LCPE	No
LNK-535	Outfall	Stream	Closed Conveyance	CLO-75487	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-559	Unverified	Unknown	Closed Conveyance	CLO-18433	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-51	Outfall	Stream	Closed Conveyance	CLO-74772	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-692	Outfall	Stream	Closed Conveyance	CLO-75086	Culvert	Round	10	0	0	0.00000000000	Concrete	None
LNK-693	Outfall	Stream	Closed Conveyance	CLO-18343	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-60	Outfall	Stream	Closed Conveyance	CLO-18130	Pipe	Pipe	30	0	0	0.00000000000	Metal	No
LNK-61	Outfall	Stream	Closed Conveyance	CLO-18147	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-62	Outfall	Wetland	Closed Conveyance	CLO-18221	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-798	Outfall	Stream	Closed Conveyance	CLO-74829	Culvert	Round	36	0	0	0.00000000000	RCP	None
LNK-864	Outfall	Stream	Closed Conveyance	CLO-75186	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-899	Outfall	Stream	Closed Conveyance	CLO-75327	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-904	Outfall	Stream	Closed Conveyance	CLO-75055	Culvert	Round	8	0	0	0.00000000000	Metal	No
LNK-941	Outfall	Stream	Closed Conveyance	CLO-75241	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-950	Outfall	Stream	Closed Conveyance	CLO-131888	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-1007	Outfall	Stream	Closed Conveyance	CLO-74915	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-1008	Outfall	Stream	Closed Conveyance	CLO-74647	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5472	Outfall	Wetland	Closed Conveyance	CLO-73775	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-5474	Outfall	Stream	Closed Conveyance	CLO-17708	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-5477	Outfall	Stream	Closed Conveyance	CLO-73773	Culvert	Round	18	0	0	0.00000000000	Metal	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-5497	Outfall	Stream	Closed Conveyance	CLO-73813	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-5498	Outfall	Wetland	Closed Conveyance	CLO-73903	Culvert	Box	0	29	50	0.00000000000	Concrete	No
LNK-5504	Outfall	Wetland	Closed Conveyance	CLO-74015	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-5509	Outfall	Wetland	Closed Conveyance	CLO-17668	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-5516	Outfall	Stream	Closed Conveyance	CLO-17886	Pipe	Pipe	24	0	0	0.00000000000	Plastic	No
LNK-5529	Outfall	Potential Wetland	Closed Conveyance	CLO-74350	Culvert	Round	18	0	0	0.00000000000	LCPE	None
LNK-5536	Outfall	Stream	Closed Conveyance	CLO-74056	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5533	Outfall	Wetland	Closed Conveyance	CLO-17847	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-754	Unverified	Private	Closed Conveyance	CLO-17964	Pipe	Pipe	12	0	0	0.00000000000		No
LNK-779	Outfall	Potential Wetland	Closed Conveyance	CLO-17998	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-848	Outfall	Stream	Closed Conveyance	CLO-75618	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-869	Outfall	Stream	Closed Conveyance	CLO-74765	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4332	Outfall	Potential Stream	Closed Conveyance	CLO-17086	Pipe	Pipe	30	0	0	0.00000000000	Metal	No
LNK-1910	Outfall	Stream	Closed Conveyance	CLO-72359	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-2655	Unverified	Unknown	Closed Conveyance	CLO-75932	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2657	Unverified	Unknown	Closed Conveyance	CLO-75912	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2746	Outfall	Stream	Closed Conveyance	CLO-18912	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-2747	Outfall	Stream	Closed Conveyance	CLO-146326	Pipe	Pipe	12	0	0	0.00000000000	Aluminum	No
LNK-2748	Outfall	Stream	Closed Conveyance	CLO-19183	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-2795	Unverified	Unknown	Closed Conveyance	CLO-75922	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2799	Unverified	Unknown	Closed Conveyance	CLO-19210	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-2800	Unverified	Unknown	Closed Conveyance	CLO-18903	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-2801	Unverified	Unknown	Closed Conveyance	CLO-18863	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-2803	Outfall	Stream	Closed Conveyance	CLO-19117	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-2854	Outfall	Stream	Closed Conveyance	CLO-19187	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-2856	Outfall	Stream	Closed Conveyance	CLO-75903	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2873	Unverified	Unknown	Closed Conveyance	CLO-76060	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-2890	Unverified	Unknown	Closed Conveyance	CLO-76078	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-1021	Outfall	Stream	Closed Conveyance	CLO-98822	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-1023	Outfall	Stream	Closed Conveyance	CLO-27056	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-1031	Outfall	Stream	Closed Conveyance	CLO-85215	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-4507	Outfall	Stream	Closed Conveyance	CLO-87245	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4526	Outfall	Stream	Closed Conveyance	CLO-35400	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-4535	Outfall	Stream	Closed Conveyance	CLO-87589	Culvert	Bottomless Box	108	0	0	0.00000000000	Concrete	No
LNK-4546	Outfall	Stream	Closed Conveyance	CLO-87840	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4550	Outfall	Stream	Closed Conveyance	CLO-131699	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-4555	Outfall	Potential Stream	Closed Conveyance	CLO-145850	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-4561	Outfall	Stream	Closed Conveyance	CLO-88523	Culvert	Box	0	36	36	0.00000000000	Concrete	No
LNK-4570	Outfall	Stream	Closed Conveyance	CLO-88510	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-4575	Outfall	Stream	Closed Conveyance	CLO-88318	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-4589	Outfall	Stream	Closed Conveyance	CLO-88358	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-4613	Outfall	Stream	Closed Conveyance	CLO-144188	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-4620	Outfall	Stream	Closed Conveyance	CLO-35814	Pipe	Pipe	36	0	0	2.70000000000	Metal	No
LNK-4622	Outfall	Wetland	Closed Conveyance	CLO-88081	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-4662	Outfall	Stream	Closed Conveyance	CLO-88705	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-4663	Outfall	Stream	Closed Conveyance	CLO-125067	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4666	Outfall	Stream	Closed Conveyance	CLO-35520	Pipe	Pipe	36	0	0	3.20000000000	RCP	No
LNK-5432	Outfall	Stream	Closed Conveyance	CLO-88276	Culvert	Round	12	0	0	0.00000000000	Aluminum	No
LNK-5435	Outfall	Stream	Closed Conveyance	CLO-88052	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-5950	Outfall	Lake	Closed Conveyance	CLO-904	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-5957	Outfall	Wetland	Closed Conveyance	CLO-90071	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-5959	Outfall	Wetland	Closed Conveyance	CLO-56939	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-5960	Outfall	Wetland	Closed Conveyance	CLO-40942	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-5994	Outfall	Lake	Closed Conveyance	CLO-90029	Culvert	Round	8	0	0	0.00000000000	Metal	No
LNK-6001	Outfall	Lake	Closed Conveyance	CLO-32000	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-6003	Outfall	Lake	Closed Conveyance	CLO-58447	Pipe	Pipe	8	0	0	0.00000000000	Metal	No
LNK-6004	Outfall	Lake	Closed Conveyance	CLO-57721	Pipe	Pipe	15	0	0	0.00000000000	PVC	No
LNK-6582	Outfall	Stream	Closed Conveyance	CLO-1504	Pipe	Pipe	8	0	0	0.00000000000	Plastic	No
LNK-6583	Outfall	Stream	Closed Conveyance	CLO-1505	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-6613	Outfall	Stream	Closed Conveyance	CLO-1353	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6836	Outfall	Wetland	Closed Conveyance	CLO-31290	Pipe	Pipe	15	0	0	0.00000000000	Concrete	No
LNK-6839	Outfall	Stream	Closed Conveyance	CLO-109007	Culvert	Round	54	0	0	0.00000000000	RCP	No
LNK-6841	Outfall	Stream	Closed Conveyance	CLO-32937	Pipe	Pipe	15	0	0	0.00000000000	Aluminum	No
LNK-6848	Outfall	Stream	Closed Conveyance	CLO-32166	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-6850	Outfall	Potential Stream	Closed Conveyance	CLO-33318	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6851	Outfall	Stream	Closed Conveyance	CLO-32644	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-6855	Outfall	Stream	Closed Conveyance	CLO-32959	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-6856	Outfall	Wetland	Closed Conveyance	CLO-45159	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-6861	Outfall	Potential Stream	Closed Conveyance	CLO-33355	Pipe	Pipe	24	0	0	23.00000000000	Metal	No
LNK-6864	Outfall	Stream	Closed Conveyance	CLO-5253	Pipe	Pipe	30	0	0	8.80000000000	Metal	No
LNK-6865	Outfall	Stream	Closed Conveyance	CLO-32961	Pipe	Pipe	30	0	0	6.10000000000	Metal	No
LNK-6873	Outfall	Potential Stream	Closed Conveyance	CLO-135818	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-6878	Outfall	Potential Stream	Closed Conveyance	CLO-33469	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-6882	Outfall	Stream	Closed Conveyance	CLO-33324	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-6885	Outfall	Stream	Closed Conveyance	CLO-32848	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-5232	Outfall	Stream	Closed Conveyance	CLO-33816	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-5234	Outfall	Stream	Closed Conveyance	CLO-41	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-5790	Outfall	Stream	Closed Conveyance	CLO-76924	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-5708	Unverified	Unverified Outfall	Closed Conveyance	CLO-77106	Culvert	Round	18	0	0	0.00000000000	Plastic	No
LNK-5742	Unverified	Unverified Connection	Closed Conveyance	CLO-60082	Pipe	Pipe	6	0	0	0.00000000000	Concrete	No
LNK-5746	Outfall	Stream	Closed Conveyance	CLO-77234	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-5747	Outfall	Stream	Closed Conveyance	CLO-77009	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-5753	Outfall	Stream	Closed Conveyance	CLO-19927	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-5758	Unverified	Unknown	Closed Conveyance	CLO-77190	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-5759	Unverified	Unknown	Closed Conveyance	CLO-77389	Culvert	Round	12	0	0	0.00000000000		No
LNK-5822	Outfall	Wetland	Closed Conveyance	CLO-20104	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-5823	Outfall	Wetland	Closed Conveyance	CLO-20022	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-5779	Outfall	Stream	Closed Conveyance	CLO-77697	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-5782	Outfall	Potential Wetland	Closed Conveyance	CLO-20304	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-7015	Outfall	Wetland	Closed Conveyance	CLO-76451	Culvert	Round	0	0	0	0.00000000000	Concrete	No
LNK-7023	Outfall	Wetland	Closed Conveyance	CLO-19259	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-7062	Outfall	Wetland	Closed Conveyance	CLO-76331	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-7066	Outfall	Stream	Closed Conveyance	CLO-76160	Culvert	Round	18	0	0	0.00000000000	Aluminum	No
LNK-1686	Outfall	Stream	Closed Conveyance	CLO-77723	Culvert	Round	0	0	0	0.00000000000	Concrete	None
LNK-1894	Outfall	Potential Stream	Closed Conveyance	CLO-78288	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-1890	Outfall	Stream	Closed Conveyance	CLO-20498	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-1626	Outfall	Stream	Closed Conveyance	CLO-78310	Culvert	Round	48	0	0	0.00000000000	Concrete	None
LNK-2039	Outfall	Stream	Closed Conveyance	CLO-79209	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-2671	Outfall	Stream	Closed Conveyance	CLO-79164	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-2268	Outfall	Stream	Closed Conveyance	CLO-79141	Culvert	Arch	0	18	24	0.00000000000	Metal	No
LNK-2264	Outfall	Stream	Closed Conveyance	CLO-79351	Culvert	Arch	0	18	24	0.00000000000	Metal	No
LNK-2382	Outfall	Stream	Closed Conveyance	CLO-144248	Pipe	Pipe	36	0	0	0.00000000000	LCPE	No
LNK-7497	Outfall	Wetland	Closed Conveyance	CLO-21884	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7488	Outfall	Ground	Closed Conveyance	CLO-21069	Pipe	Pipe	18	0	0	0.00000000000	HDPE	No
LNK-7498	Outfall	Wetland	Closed Conveyance	CLO-21848	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7478	Outfall	Wetland	Closed Conveyance	CLO-21388	Pipe	Pipe	21	0	0	0.00000000000	Concrete	No
LNK-7462	Outfall	Lake	Closed Conveyance	CLO-127996	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-7463	Outfall	Lake	Closed Conveyance	CLO-21919	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7499	Outfall	Stream	Closed Conveyance	CLO-21773	Pipe	Pipe	16	0	0	0.00000000000	HDPE	No
LNK-7501	Outfall	Stream	Closed Conveyance	CLO-80254	Pipe	Pipe	21	0	0	0.00000000000	LCPE	No
LNK-7389	Outfall	Stream	Closed Conveyance	CLO-22839	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-7451	Outfall	Stream	Closed Conveyance	CLO-22753	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7542	Outfall	Stream	Closed Conveyance	CLO-79993	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-7546	Outfall	Potential Stream	Closed Conveyance	CLO-80443	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-7547	Outfall	Stream	Closed Conveyance	CLO-80391	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-7459	Outfall	Wetland	Closed Conveyance	CLO-66887	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7537	Outfall	Stream	Closed Conveyance	CLO-81844	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-7533	Outfall	Stream	Closed Conveyance	CLO-24073	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-7466	Outfall	Stream	Closed Conveyance	CLO-112696	Pipe	Pipe	36	0	0	0.00000000000	LCPE	No
LNK-7400	Outfall	Stream	Closed Conveyance	CLO-4310	Pipe	Pipe	12	0	0	0.00000000000	PVC	No
LNK-7494	Outfall	Potential Wetland	Closed Conveyance	CLO-55883	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-7418	Outfall	Wetland	Closed Conveyance	CLO-25708	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-7374	Outfall	Wetland	Closed Conveyance	CLO-25892	Pipe	Pipe	30	0	0	4.90000000000	Metal	No
LNK-7414	Unverified	Potential Wetland	Closed Conveyance	CLO-4694	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-7415	Outfall	Stream	Closed Conveyance	CLO-26094	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7421	Outfall	Stream	Closed Conveyance	CLO-25781	Pipe	Pipe	21	0	0	0.00000000000	Concrete	No
LNK-1200	Outfall	Potential Stream	Closed Conveyance	CLO-26503	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-1273	Outfall	Potential Stream	Closed Conveyance	CLO-83824	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-1116	Outfall	Stream	Closed Conveyance	CLO-84033	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-2566	Outfall	Stream	Closed Conveyance	CLO-73855	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-4352	Unverified	Unknown	Closed Conveyance	CLO-140177	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-3076	Outfall	Potential Wetland	Closed Conveyance	CLO-72795	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2032	Outfall	Stream	Closed Conveyance	CLO-72486	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-4331	Outfall	Potential Stream	Closed Conveyance	CLO-17086	Pipe	Pipe	30	0	0	0.00000000000	Metal	No
LNK-1888	Outfall	Stream	Closed Conveyance	CLO-78161	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-1907	Unverified	Unverified Outfall	Closed Conveyance	CLO-72432	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-3235	Outfall	Stream	Closed Conveyance	CLO-98279	Culvert	Round	36	36	36	0.00000000000	Concrete	No
LNK-5565	Outfall	Stream	Closed Conveyance	CLO-112097	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-11028	Outfall	Wetland	Closed Conveyance	CLO-105885	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-1529	Outfall	Stream	Closed Conveyance	CLO-49100	Culvert	Round	0	0	0	0.00000000000		No
LNK-1494	Unverified	Unknown	Closed Conveyance	CLO-84783	Culvert	Round	0	0	0	0.00000000000		No
LNK-1492	Unverified	Unverified Outfall	Closed Conveyance	CLO-85222	Culvert	Round	0	0	0	0.00000000000		No
LNK-1495	Unverified	Unknown	Closed Conveyance	CLO-85190	Culvert	Round	0	0	0	0.00000000000		No
LNK-1523	Unverified	Unknown	Closed Conveyance	CLO-85883	Culvert	Round	0	0	0	0.00000000000		No
LNK-1491	Unverified	Unknown	Closed Conveyance	CLO-85620	Culvert	Round	0	0	0	0.00000000000		No
LNK-1502	Unverified	Unknown	Closed Conveyance	CLO-85621	Culvert	Round	0	0	0	0.00000000000		No
LNK-1500	Unverified	Unknown	Closed Conveyance	CLO-84889	Culvert	Round	0	0	0	0.00000000000		No
LNK-1498	Unverified	Unknown	Closed Conveyance	CLO-85385	Culvert	Round	0	0	0	0.00000000000		No
LNK-1477	Unverified	Unknown	Closed Conveyance	CLO-85609	Culvert	Round	0	0	0	0.00000000000		No
LNK-1505	Unverified	Unknown	Closed Conveyance	CLO-85270	Culvert	Round	0	0	0	0.00000000000		No
LNK-1499	Unverified	Unknown	Closed Conveyance	CLO-27311	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-1506	Unverified	Unknown	Closed Conveyance	CLO-85846	Culvert	Round	0	0	0	0.00000000000		No
LNK-1490	Unverified	Unknown	Closed Conveyance	CLO-85529	Culvert	Round	0	0	0	0.00000000000		No
LNK-1520	Unverified	Unknown	Closed Conveyance	CLO-85884	Culvert	Round	0	0	0	0.00000000000		No
LNK-1496	Unverified	Unknown	Closed Conveyance	CLO-84784	Culvert	Round	0	0	0	0.00000000000		No
LNK-3641	Outfall	Wetland	Closed Conveyance	CLO-119944	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-1598	Unverified	Unknown	Closed Conveyance	CLO-26834	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-1517	Outfall	Stream	Closed Conveyance	CLO-85298	Culvert	Round	0	0	0	0.00000000000		No
LNK-1466	Unverified	Unknown	Closed Conveyance	CLO-27518	Pipe	Pipe	15	0	0	0.00000000000		No
LNK-1507	Unverified	Unverified Outfall	Closed Conveyance	CLO-85028	Culvert	Round	0	0	0	0.00000000000		No
LNK-1510	Unverified	Unknown	Closed Conveyance	CLO-85887	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-1596	Unverified	Unknown	Closed Conveyance	CLO-85481	Culvert	Round	0	0	0	0.00000000000	Concrete	No
LNK-1512	Unverified	Unverified Outfall	Closed Conveyance	CLO-84883	Culvert	Round	0	0	0	0.00000000000		No
LNK-1511	Unverified	Unknown	Closed Conveyance	CLO-84777	Culvert	Round	0	0	0	0.00000000000		No
LNK-1595	Unverified	Unknown	Closed Conveyance	CLO-85127	Culvert	Round	0	0	0	0.00000000000		No
LNK-1470	Outfall	Wetland	Closed Conveyance	CLO-86070	Culvert	Round	18	0	0	0.00000000000	LCPE	No
LNK-3653	Outfall	Stream	Closed Conveyance	CLO-135332	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-1475	Unverified	Unknown	Closed Conveyance	CLO-86140	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-1478	Unverified	Unknown	Closed Conveyance	CLO-27618	Pipe	Pipe	12	0	0	0.00000000000	Aluminum	No
LNK-1485	Unverified	Unknown	Closed Conveyance	CLO-85970	Culvert	Round	0	0	0	0.00000000000		No
LNK-1484	Unverified	Unknown	Closed Conveyance	CLO-86309	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-11033	Outfall	Stream	Closed Conveyance	CLO-64310	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-3657	Outfall	Stream	Closed Conveyance	CLO-51297	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-1354	Unverified	Unknown	Closed Conveyance	CLO-86261	Culvert	Round	0	0	0	0.00000000000		No
LNK-1370	Unverified	Unknown	Closed Conveyance	CLO-86288	Culvert	Round	0	0	0	0.00000000000		No
LNK-3658	Outfall	Stream	Closed Conveyance	CLO-135318	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-1353	Unverified	Unknown	Closed Conveyance	CLO-86074	Culvert	Round	0	0	0	0.00000000000		No
LNK-3649	Outfall	Stream	Closed Conveyance	CLO-135318	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-1352	Unverified	Unknown	Closed Conveyance	CLO-93293	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-1455	Unverified	Unknown	Closed Conveyance	CLO-86033	Culvert	Round	0	0	0	0.00000000000		No
LNK-3659	Outfall	Stream	Closed Conveyance	CLO-51287	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-1348	Outfall	Potential Wetland	Closed Conveyance	CLO-50848	Pipe	Pipe	24	0	0	1.10000000000	Metal	No
LNK-3535	Outfall	Stream	Closed Conveyance	CLO-94054	Culvert	Round	36	0	0	0.00000000000	Concrete	No
LNK-3527	Unverified	Unknown	Closed Conveyance	CLO-136912	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-1230	Unverified	Unverified Outfall	Closed Conveyance	CLO-85252	Culvert	Round	0	0	0	0.00000000000		No
LNK-1231	Unverified	Unknown	Closed Conveyance	CLO-85207	Culvert	Round	0	0	0	0.00000000000		No
LNK-3433	Outfall	Wetland	Closed Conveyance	CLO-109283	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-1232	Unverified	Unverified Outfall	Closed Conveyance	CLO-27177	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-3525	Outfall	Stream	Closed Conveyance	CLO-116539	Pipe	Pipe	36	0	0	0.00000000000	Concrete	No
LNK-4266	Outfall	Stream	Closed Conveyance	CLO-106877	Pipe	Pipe	24	0	0	6.20000000000	Metal	No
LNK-3524	Outfall	Stream	Closed Conveyance	CLO-52917	Pipe	Pipe	36	0	0	0.00000000000	Metal	No
LNK-3541	Outfall	Wetland	Closed Conveyance	CLO-95602	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-1389	Outfall	Wetland	Closed Conveyance	CLO-94274	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3548	Outfall	Stream	Closed Conveyance	CLO-51336	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-3547	Outfall	Stream	Closed Conveyance	CLO-51337	Culvert	Box	0	60	36	0.00000000000	Concrete	No
LNK-3722	Outfall	Wetland	Closed Conveyance	CLO-109462	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-3717	Outfall	Wetland	Closed Conveyance	CLO-111119	Pipe	Pipe	48	0	0	0.00000000000	Metal	No
LNK-3718	Outfall	Wetland	Closed Conveyance	CLO-136909	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-6981	Unverified	Unknown	Closed Conveyance	CLO-133059	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-3455	Outfall	Potential Wetland	Closed Conveyance	CLO-123243	Pipe	Pipe	21	0	0	0.00000000000	RCP	No
LNK-3453	Outfall	Potential Wetland	Closed Conveyance	CLO-119676	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-3457	Outfall	Potential Stream	Closed Conveyance	CLO-139321	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-1290	Outfall	Potential Wetland	Closed Conveyance	CLO-111698	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-2407	Outfall	Stream	Closed Conveyance	CLO-136009	Pipe	Pipe	24	0	0	0.00000000000	RCP	No
LNK-2396	Outfall	Lake	Closed Conveyance	CLO-118916	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-3586	Outfall	Stream	Closed Conveyance	CLO-64300	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-2430	Outfall	Stream	Closed Conveyance	CLO-115321	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-3855	Outfall	Stream	Closed Conveyance	CLO-105796	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-882	Unverified	Unknown	Closed Conveyance	CLO-18510	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-7720	Outfall	Potential Wetland	Closed Conveyance	CLO-133081	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6460	Outfall	Wetland	Closed Conveyance	CLO-122966	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-2679	Outfall	Stream	Closed Conveyance	CLO-21005	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-6488	Outfall	Wetland	Closed Conveyance	CLO-106400	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-6474	Outfall	Potential Wetland	Closed Conveyance	CLO-143180	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-850	Outfall	Lake	Closed Conveyance	CLO-146558	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-6469	Outfall	Lake	Closed Conveyance	CLO-146555	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-6476	Outfall	Wetland	Closed Conveyance	CLO-146537	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-6496	Outfall	Stream	Closed Conveyance	CLO-143174	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-2418	Outfall	Potential Wetland	Closed Conveyance	CLO-115225	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-2419	Outfall	Stream	Closed Conveyance	CLO-109327	Pipe	Pipe	8	0	0	0.00000000000	Metal	No
LNK-372	Outfall	Stream	Closed Conveyance	CLO-96935	Culvert	Squash	0	73	55	15.90000000000	Metal	Aluminized
LNK-361	Unverified	Unverified Outfall	Closed Conveyance	CLO-123564	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6970	Outfall	Wetland	Closed Conveyance	CLO-114139	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-603	Outfall	Wetland	Closed Conveyance	CLO-9491	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-604	Unverified	Wetland	Closed Conveyance	CLO-54207	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-243	Outfall	Potential Wetland	Closed Conveyance	CLO-97303	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-565	Outfall	Stream	Closed Conveyance	CLO-18336	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-669	Outfall	Wetland	Closed Conveyance	CLO-133478	Pipe	Pipe	18	0	0	0.00000000000	DI	No
LNK-2082	Outfall	Stream	Closed Conveyance	CLO-27001	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-624	Outfall	Stream	Closed Conveyance	CLO-114732	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-427	Outfall	Stream	Closed Conveyance	CLO-119087	Pipe	Pipe	8	0	0	0.00000000000	Metal	No
LNK-426	Outfall	Stream	Closed Conveyance	CLO-119088	Pipe	Pipe	8	0	0	0.00000000000	Metal	No
LNK-428	Outfall	Stream	Closed Conveyance	CLO-118643	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-422	Outfall	Stream	Closed Conveyance	CLO-133272	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-423	Outfall	Stream	Closed Conveyance	CLO-133209	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-424	Outfall	Stream	Closed Conveyance	CLO-133215	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-286	Outfall	Stream	Closed Conveyance	CLO-107682	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-287	Outfall	Stream	Closed Conveyance	CLO-107674	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-631	Outfall	Stream	Closed Conveyance	CLO-116686	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-387	Outfall	Stream	Closed Conveyance	CLO-64289	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-394	Outfall	Stream	Closed Conveyance	CLO-117667	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-629	Outfall	Stream	Closed Conveyance	CLO-55779	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-628	Outfall	Stream	Closed Conveyance	CLO-116690	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-396	Unverified	Unknown	Closed Conveyance	CLO-117374	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-263	Outfall	Stream	Closed Conveyance	CLO-64280	Pipe	Pipe	15	0	0	0.00000000000	Aluminum	No
LNK-404	Outfall	Stream	Closed Conveyance	CLO-114382	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-262	Outfall	Stream	Closed Conveyance	CLO-64279	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-259	Outfall	Stream	Closed Conveyance	CLO-8400	Pipe	Pipe	12	0	0	0.00000000000	Aluminum	No
LNK-261	Outfall	Stream	Closed Conveyance	CLO-64283	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-264	Outfall	Stream	Closed Conveyance	CLO-116718	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-359	Outfall	Stream	Closed Conveyance	CLO-116485	Pipe	Yard-Roof Drain	6	0	0	0.00000000000	PVC	No
LNK-751	Outfall	Stream	Closed Conveyance	CLO-57608	Pipe	Pipe	24	0	0	0.00000000000		No
LNK-67	Unverified	Unknown	Closed Conveyance	CLO-114042	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-30	Outfall	Stream	Closed Conveyance	CLO-134709	Pipe	Pipe	12	0	0	0.00000000000	DI	No
LNK-104	Outfall	Potential Stream	Closed Conveyance	CLO-116051	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-102	Outfall	Stream	Closed Conveyance	CLO-116045	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-81	Outfall	Stream	Closed Conveyance	CLO-52374	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-90	Outfall	Stream	Closed Conveyance	CLO-144969	Culvert	Round	18	0	0	0.00000000000	LCPE	No
LNK-182	Outfall	Wetland	Closed Conveyance	CLO-115370	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-7056	Outfall	Potential Wetland	Closed Conveyance	CLO-115586	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-164	Outfall	Potential Stream	Closed Conveyance	CLO-52292	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-167	Outfall	Stream	Closed Conveyance	CLO-93871	Culvert	Round	24	0	0	1.30000000000	Metal	No
LNK-168	Outfall	Stream	Closed Conveyance	CLO-93871	Culvert	Round	24	0	0	1.30000000000	Metal	No
LNK-169	Outfall	Stream	Closed Conveyance	CLO-93880	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-151	Outfall	Stream	Closed Conveyance	CLO-114922	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-148	Outfall	Potential Wetland	Closed Conveyance	CLO-115046	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-7021	Outfall	Wetland	Closed Conveyance	CLO-104236	Culvert	Round	12	0	0	0.00000000000	Concrete	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-6675	Outfall	Wetland	Closed Conveyance	CLO-112190	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-7030	Outfall	Ground	Closed Conveyance	CLO-103684	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-7052	Outfall	Potential Wetland	Closed Conveyance	CLO-104857	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-2619	Unverified	Unknown	Closed Conveyance	CLO-71369	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-2581	Outfall	Stream	Closed Conveyance	CLO-138795	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-7064	Outfall	Potential Stream	Closed Conveyance	CLO-131645	Pipe	Underdrain	6	0	0	0.00000000000	LCPE	No
LNK-2605	Outfall	Stream	Closed Conveyance	CLO-71219	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-6647	Outfall	Stream	Closed Conveyance	CLO-134798	Pipe	Pipe	10	0	0	0.00000000000	Concrete	No
LNK-6648	Outfall	Stream	Closed Conveyance	CLO-120579	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-4675	Unverified	Unverified Outfall	Closed Conveyance	CLO-77106	Culvert	Round	18	0	0	0.00000000000	Plastic	No
LNK-6649	Outfall	Stream	Closed Conveyance	CLO-120577	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-6660	Outfall	Stream	Closed Conveyance	CLO-134505	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6664	Outfall	Stream	Closed Conveyance	CLO-134511	Culvert	Round	6	0	0	0.00000000000	CPEP	No
LNK-2906	Outfall	Stream	Closed Conveyance	CLO-94524	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-2488	Outfall	Stream	Closed Conveyance	CLO-79050	Culvert	Round	0	0	0	0.00000000000		No
LNK-6903	Outfall	Wetland	Closed Conveyance	CLO-67514	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4936	Outfall	Potential Stream	Closed Conveyance	CLO-115351	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-4932	Unverified	Potential Stream	Closed Conveyance	CLO-10854	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-3188	Unverified	Private	Closed Conveyance	CLO-146816	Pipe	Pipe	12	0	0	0.00000000000	PVC	No
LNK-4927	Outfall	Potential Stream	Closed Conveyance	CLO-65287	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-3190	Outfall	Stream	Closed Conveyance	CLO-96301	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3194	Outfall	Stream	Closed Conveyance	CLO-96304	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3196	Outfall	Potential Stream	Closed Conveyance	CLO-96305	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4737	Unverified	Unknown	Closed Conveyance	CLO-10909	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-3203	Outfall	Potential Wetland	Closed Conveyance	CLO-96308	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-7753	Unverified	Unknown	Closed Conveyance	CLO-67639	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-3209	Outfall	Stream	Closed Conveyance	CLO-96315	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-3210	Outfall	Stream	Closed Conveyance	CLO-124233	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3213	Outfall	Stream	Closed Conveyance	CLO-96323	Culvert	Box	0	48	24	0.00000000000	Concrete	No
LNK-3214	Outfall	Stream	Closed Conveyance	CLO-96324	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-3216	Outfall	Stream	Closed Conveyance	CLO-96326	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-3218	Outfall	Stream	Closed Conveyance	CLO-96327	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-3221	Outfall	Stream	Closed Conveyance	CLO-146347	Culvert	Round	15	0	0	0.00000000000	Metal	No
LNK-3222	Outfall	Stream	Closed Conveyance	CLO-97220	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-3223	Outfall	Stream	Closed Conveyance	CLO-97221	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-4075	Outfall	Potential Wetland	Closed Conveyance	CLO-76516	Culvert	Round	0	42	24	3.90000000000	Metal	No
LNK-7529	Outfall	Stream	Closed Conveyance	CLO-81724	Culvert	Bottomless Box	0	300	72	0.00000000000	Concrete	No
LNK-4817	Outfall	Lake	Closed Conveyance	CLO-121929	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-4160	Unverified	Unknown	Closed Conveyance	CLO-76170	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-4752	Outfall	Stream	Closed Conveyance	CLO-122678	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4753	Outfall	Stream	Closed Conveyance	CLO-122678	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4162	Outfall	Potential Stream	Closed Conveyance	CLO-19304	Pipe	Pipe	42	0	0	3.20000000000	Concrete	No
LNK-4299	Outfall	Stream	Closed Conveyance	CLO-97239	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-4755	Outfall	Stream	Closed Conveyance	CLO-97534	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4810	Outfall	Stream	Closed Conveyance	CLO-121825	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-4809	Outfall	Stream	Closed Conveyance	CLO-121825	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-4756	Outfall	Stream	Closed Conveyance	CLO-97535	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4805	Outfall	Stream	Closed Conveyance	CLO-8676	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-4759	Outfall	Stream	Closed Conveyance	CLO-97538	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-4760	Outfall	Stream	Closed Conveyance	CLO-97538	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-4762	Outfall	Stream	Closed Conveyance	CLO-97541	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-4761	Outfall	Stream	Closed Conveyance	CLO-97541	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-4763	Outfall	Stream	Closed Conveyance	CLO-97544	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-4995	Unverified	Unknown	Closed Conveyance	CLO-77251	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-4764	Outfall	Stream	Closed Conveyance	CLO-97546	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-4176	Unverified	Unknown	Closed Conveyance	CLO-64518	Pipe	Pipe	42	0	0	0.00000000000	HDPE	No
LNK-4309	Outfall	Stream	Closed Conveyance	CLO-122698	Culvert	Round	0	0	0	0.00000000000		No
LNK-4282	Outfall	Wetland	Closed Conveyance	CLO-97194	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-4782	Outfall	Stream	Closed Conveyance	CLO-106393	Culvert	Round	18	0	0	0.00000000000	LCPE	No
LNK-7437	Outfall	Wetland	Closed Conveyance	CLO-4584	Pipe	Pipe	15	0	0	0.00000000000	Concrete	No
LNK-7385	Outfall	Stream	Closed Conveyance	CLO-4577	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-4768	Outfall	Potential Stream	Closed Conveyance	CLO-97589	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-5060	Outfall	Wetland	Closed Conveyance	CLO-127010	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-4770	Outfall	Stream	Closed Conveyance	CLO-122735	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-7504	Outfall	Wetland	Closed Conveyance	CLO-4646	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-7388	Outfall	Stream	Closed Conveyance	CLO-80780	Culvert	Round	18	0	0	0.00000000000	Plastic	No
LNK-4771	Outfall	Stream	Closed Conveyance	CLO-122735	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-4881	Outfall	Stream	Closed Conveyance	CLO-112917	Pipe	Pipe	18	0	0	0.00000000000	DI	No
LNK-5065	Unverified	Unknown	Closed Conveyance	CLO-54326	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-7487	Outfall	Potential Wetland	Closed Conveyance	CLO-112831	Pipe	Perforated- use unknown	0	0	0	0.00000000000		No
LNK-4878	Outfall	Stream	Closed Conveyance	CLO-54304	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-5177	Unverified	Unknown	Closed Conveyance	CLO-55078	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-4363	Outfall	Stream	Closed Conveyance	CLO-127491	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-4364	Outfall	Stream	Closed Conveyance	CLO-127510	Pipe	Tightline	18	0	0	0.00000000000	HDPE	No
LNK-4377	Outfall	Stream	Closed Conveyance	CLO-128718	Culvert	Round	18	0	0	0.00000000000	Metal	Asphalt
LNK-4366	Outfall	Stream	Closed Conveyance	CLO-54377	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-4856	Outfall	Stream	Closed Conveyance	CLO-97742	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-5921	Outfall	Stream	Closed Conveyance	CLO-130052	Pipe	Pipe	24	0	0	0.00000000000	RCP	No
LNK-3866	Outfall	Potential Wetland	Closed Conveyance	CLO-146638	Pipe	Pipe	12	0	0	0.00000000000	DI	No
LNK-3868	Outfall	Potential Wetland	Closed Conveyance	CLO-49956	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-7328	Outfall	Wetland	Closed Conveyance	CLO-135121	Pipe	Pipe	18	0	0	0.00000000000	RCP	No
LNK-3869	Outfall	Potential Wetland	Closed Conveyance	CLO-146642	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-3936	Outfall	Stream	Closed Conveyance	CLO-145924	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-9913	Outfall	Stream	Closed Conveyance	CLO-52375	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-9915	Unverified	Unknown	Closed Conveyance	CLO-115642	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-8410	Outfall	Stream	Closed Conveyance	CLO-17499	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-8423	Outfall	Stream	Closed Conveyance	CLO-139987	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-8442	Outfall	Stream	Closed Conveyance	CLO-142432	Culvert	Round	0	0	0	0.00000000000		No
LNK-8443	Outfall	Stream	Closed Conveyance	CLO-78733	Culvert	Round	12	0	0	0.00000000000	Concrete	None

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-8468	Outfall	Stream	Closed Conveyance	CLO-72623	Culvert	Round	0	0	0	0.00000000000		No
LNK-8523	Outfall	Stream	Closed Conveyance	CLO-72295	Culvert	Box	0	72	60	0.00000000000	Concrete	No
LNK-8527	Outfall	Potential Stream	Closed Conveyance	CLO-17198	Pipe	Pipe	24	0	0	4.20000000000	Metal	No
LNK-8580	Outfall	Potential Stream	Closed Conveyance	CLO-83705	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-8602	Outfall	Stream	Closed Conveyance	CLO-75334	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-8633	Outfall	Wetland	Closed Conveyance	CLO-72063	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8634	Outfall	Wetland	Closed Conveyance	CLO-71665	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-8636	Outfall	Wetland	Closed Conveyance	CLO-71756	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-8638	Outfall	Wetland	Closed Conveyance	CLO-17098	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-8648	Unverified	Unknown	Closed Conveyance	CLO-71609	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-8659	Outfall	Stream	Closed Conveyance	CLO-74529	Culvert	Arch	0	78	48	0.00000000000	Concrete	No
LNK-8663	Outfall	Wetland	Closed Conveyance	CLO-72096	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-8664	Unverified	Unknown	Closed Conveyance	CLO-71536	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8665	Unverified	Unknown	Closed Conveyance	CLO-71649	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8667	Unverified	Unknown	Closed Conveyance	CLO-71585	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-8673	Unverified	Unknown	Closed Conveyance	CLO-72048	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8674	Outfall	Wetland	Closed Conveyance	CLO-71809	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8678	Unverified	Private	Closed Conveyance	CLO-16840	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-8687	Outfall	Wetland	Closed Conveyance	CLO-71844	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8701	Outfall	Potential Wetland	Closed Conveyance	CLO-71911	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8702	Outfall	Stream	Closed Conveyance	CLO-74382	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-8703	Outfall	Stream	Closed Conveyance	CLO-11102	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-8704	Outfall	Marine	Closed Conveyance	CLO-11829	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-8705	Outfall	Potential Wetland	Closed Conveyance	CLO-72078	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-8709	Outfall	Stream	Closed Conveyance	CLO-16889	Pipe	Pipe	24	0	0	11.20000000000	Metal	No
LNK-8722	Outfall	Stream	Closed Conveyance	CLO-18789	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-8728	Outfall	Marine	Closed Conveyance	CLO-11748	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-8733	Outfall	Stream	Closed Conveyance	CLO-109409	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-8747	Outfall	Potential Stream	Closed Conveyance	CLO-17102	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-8748	Outfall	Potential Stream	Closed Conveyance	CLO-17095	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-8760	Outfall	Wetland	Closed Conveyance	CLO-74742	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-8765	Unverified	Unverified Connection	Closed Conveyance	CLO-70722	Culvert	Round	0	0	0	0.00000000000	Concrete	None
LNK-8773	Unverified	Ground	Closed Conveyance	CLO-74409	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8788	Outfall	Potential Wetland	Closed Conveyance	CLO-68670	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8825	Outfall	Stream	Closed Conveyance	CLO-19018	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-8831	Unverified	Unknown	Closed Conveyance	CLO-71188	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-8834	Unverified	Unknown	Closed Conveyance	CLO-71380	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-8869	Unverified	Unknown	Closed Conveyance	CLO-19071	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-8877	Outfall	Wetland	Closed Conveyance	CLO-12383	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-8879	Outfall	Wetland	Closed Conveyance	CLO-19825	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-8918	Unverified	Unknown	Closed Conveyance	CLO-75938	Culvert	Round	4	0	0	0.00000000000	Plastic	No
LNK-8933	Outfall	Stream	Closed Conveyance	CLO-76014	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-8965	Unverified	Unknown	Closed Conveyance	CLO-75989	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-9083	Unverified	Unknown	Closed Conveyance	CLO-20280	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-9124	Unverified	Unknown	Closed Conveyance	CLO-67571	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-9132	Outfall	Wetland	Closed Conveyance	CLO-10610	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-9135	Unverified	Unknown	Closed Conveyance	CLO-10358	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-9136	Outfall	Stream	Closed Conveyance	CLO-145012	Pipe	Pipe	18	0	0	0.00000000000	HDPE	No
LNK-9138	Outfall	Stream	Closed Conveyance	CLO-10207	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-9145	Outfall	Wetland	Closed Conveyance	CLO-10796	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9147	Outfall	Stream	Closed Conveyance	CLO-65716	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-9148	Outfall	Wetland	Closed Conveyance	CLO-10959	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9174	Outfall	Potential Stream	Closed Conveyance	CLO-19325	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-9203	Unverified	Unknown	Closed Conveyance	CLO-76423	Culvert	Round	36	0	0	0.00000000000	Concrete	No
LNK-9226	Outfall	Potential Wetland	Closed Conveyance	CLO-76453	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-9228	Outfall	Stream	Closed Conveyance	CLO-67703	Culvert	Round	48	0	0	0.00000000000	Plastic	No
LNK-9268	Unverified	Unknown	Closed Conveyance	CLO-76170	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9305	Unverified	Unknown	Closed Conveyance	CLO-19971	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9306	Unverified	Unknown	Closed Conveyance	CLO-19971	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9308	Unverified	Unknown	Closed Conveyance	CLO-19530	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9309	Outfall	Wetland	Closed Conveyance	CLO-82243	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-9375	Outfall	Stream	Closed Conveyance	CLO-81922	Culvert	Round	42	0	0	0.00000000000	Metal	No
LNK-9377	Outfall	Stream	Closed Conveyance	CLO-105816	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9393	Outfall	Stream	Closed Conveyance	CLO-4546	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-9399	Outfall	Stream	Closed Conveyance	CLO-4795	Pipe	Pipe	30	0	0	3.00000000000	Metal	No
LNK-9413	Outfall	Stream	Closed Conveyance	CLO-80536	Culvert	Arch	0	30	60	0.00000000000	Metal	No
LNK-9417	Outfall	Potential Wetland	Closed Conveyance	CLO-4850	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-9419	Outfall	Stream	Closed Conveyance	CLO-43374	Pipe	Pipe	36	0	0	9.40000000000	Metal	Asphalt
LNK-9421	Outfall	Potential Wetland	Closed Conveyance	CLO-4851	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-9443	Outfall	Stream	Closed Conveyance	CLO-98157	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-9444	Outfall	Stream	Closed Conveyance	CLO-98156	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-9445	Unverified	Unknown	Closed Conveyance	CLO-76614	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9453	Outfall	Wetland	Closed Conveyance	CLO-5023	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-9467	Outfall	Wetland	Closed Conveyance	CLO-21738	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-9483	Outfall	Stream	Closed Conveyance	CLO-5039	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-9546	Outfall	Stream	Closed Conveyance	CLO-83352	Culvert	Box	0	72	84	0.00000000000	Concrete	No
LNK-9547	Outfall	Stream	Closed Conveyance	CLO-83352	Culvert	Box	0	72	84	0.00000000000	Concrete	No
LNK-9548	Outfall	Stream	Closed Conveyance	CLO-83067	Culvert	Round	30	0	0	0.00000000000	Metal	No
LNK-9558	Outfall	Potential Stream	Closed Conveyance	CLO-80319	Culvert	Round	18	0	0	0.00000000000	Aluminum	No
LNK-9613	Outfall	Stream	Closed Conveyance	CLO-68601	Culvert	Round	36	0	0	0.00000000000	Plastic	No
LNK-9639	Outfall	Stream	Closed Conveyance	CLO-82508	Culvert	Round	15	0	0	0.00000000000	Concrete	No
LNK-9671	Outfall	Stream	Closed Conveyance	CLO-80014	Culvert	Round	36	0	0	0.00000000000	Concrete	No
LNK-9712	Outfall	Wetland	Closed Conveyance	CLO-80285	Culvert	Round	24	0	0	0.00000000000	RCP	No
LNK-9716	Outfall	Wetland	Closed Conveyance	CLO-66934	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-9806	Outfall	Stream	Closed Conveyance	CLO-80535	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-9835	Outfall	Stream	Closed Conveyance	CLO-20514	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9840	Outfall	Marine	Closed Conveyance	CLO-11887	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-9846	Outfall	Marine	Closed Conveyance	CLO-11699	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-9850	Outfall	Stream	Closed Conveyance	CLO-74113	Culvert	Round	15	0	0	0.00000000000	Clay	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-9857	Outfall	Potential Stream	Closed Conveyance	CLO-84159	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-9859	Outfall	Potential Wetland	Closed Conveyance	CLO-11636	Pipe	Pipe	8	0	0	0.00000000000	CPEP	No
LNK-9860	Outfall	Stream	Closed Conveyance	CLO-12029	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-9864	Outfall	Stream	Closed Conveyance	CLO-76945	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-9872	Outfall	Potential Stream	Closed Conveyance	CLO-67607	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-4082	Outfall	Wetland	Closed Conveyance	CLO-76543	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-7532	Outfall	Stream	Closed Conveyance	CLO-24316	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-6988	Unverified	Unknown	Closed Conveyance	CLO-12517	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-977	Unverified	Unknown	Closed Conveyance	CLO-18542	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-2609	Outfall	Stream	Closed Conveyance	CLO-12526	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-2631	Outfall	Stream	Closed Conveyance	CLO-71092	Culvert	Round	36	0	0	6.00000000000	Metal	No
LNK-2634	Outfall	Potential Wetland	Closed Conveyance	CLO-71066	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-2641	Outfall	Potential Stream	Closed Conveyance	CLO-71269	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-7750	Unverified	Unverified Connection	Closed Conveyance	CLO-67506	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-5026	Unverified	Unknown	Closed Conveyance	CLO-10336	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-4951	Outfall	Stream	Closed Conveyance	CLO-10318	Pipe	Pipe	15	0	0	0.00000000000	Plastic	No
LNK-4740	Outfall	Potential Stream	Closed Conveyance	CLO-19612	Pipe	Pipe	24	0	0	8.90000000000	CPEP	No
LNK-4928	Outfall	Stream	Closed Conveyance	CLO-19590	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-4725	Outfall	Stream	Closed Conveyance	CLO-76743	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4719	Outfall	Potential Wetland	Closed Conveyance	CLO-19375	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-4708	Unverified	Unknown	Closed Conveyance	CLO-76749	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4709	Unverified	Unknown	Closed Conveyance	CLO-76750	Culvert	Round	0	0	0	0.00000000000		No
LNK-5443	Unverified	Unknown	Closed Conveyance	CLO-76724	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-7755	Outfall	Wetland	Closed Conveyance	CLO-67898	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-4080	Outfall	Wetland	Closed Conveyance	CLO-76543	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-4081	Outfall	Wetland	Closed Conveyance	CLO-76543	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-4073	Outfall	Potential Stream	Closed Conveyance	CLO-76398	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-4161	Unverified	Unknown	Closed Conveyance	CLO-76342	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-4173	Unverified	Unknown	Closed Conveyance	CLO-76310	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-7426	Outfall	Wetland	Closed Conveyance	CLO-4949	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-7551	Outfall	Stream	Closed Conveyance	CLO-68399	Culvert	Round	54	0	0	0.00000000000	Metal	No
LNK-6750	Outfall	Stream	Closed Conveyance	CLO-68405	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7556	Outfall	Stream	Closed Conveyance	CLO-68559	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-6759	Outfall	Stream	Closed Conveyance	CLO-68292	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-7454	Outfall	Stream	Closed Conveyance	CLO-23761	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-10237	Outfall	Stream	Closed Conveyance	CLO-4747	Pipe	Pipe	12	0	0	0.00000000000	Metal	Aluminized
LNK-10244	Outfall	Lake	Closed Conveyance	CLO-4929	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-10245	Outfall	Lake	Closed Conveyance	CLO-4937	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-10264	Outfall	Wetland	Closed Conveyance	CLO-5259	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-10298	Outfall	Potential Stream	Closed Conveyance	CLO-4516	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-10306	Outfall	Potential Wetland	Closed Conveyance	CLO-56027	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-10312	Outfall	Wetland	Closed Conveyance	CLO-4893	Pipe	Pipe	36	0	0	0.00000000000	LCPE	No
LNK-10317	Outfall	Wetland	Closed Conveyance	CLO-56153	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-10319	Outfall	Wetland	Closed Conveyance	CLO-55263	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-10362	Outfall	Potential Stream	Closed Conveyance	CLO-21727	Pipe	Pipe	12	0	0	0.00000000000	CPEP	No
LNK-10389	Outfall	Wetland	Closed Conveyance	CLO-23574	Pipe	Pipe	24	0	0	0.00000000000	HDPE	No
LNK-10392	Outfall	Potential Wetland	Closed Conveyance	CLO-57113	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-10393	Outfall	Potential Stream	Closed Conveyance	CLO-21416	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-10404	Outfall	Stream	Closed Conveyance	CLO-21539	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-10430	Outfall	Wetland	Closed Conveyance	CLO-57423	Pipe	Pipe	36	0	0	0.00000000000	RCP	No
LNK-10433	Unverified	Potential Wetland	Closed Conveyance	CLO-57444	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-10435	Outfall	Ground	Closed Conveyance	CLO-57464	Pipe	Pipe	21	0	0	0.00000000000	LCPE	No
LNK-10469	Outfall	Stream	Closed Conveyance	CLO-58083	Pipe	Pipe	30	0	0	0.00000000000	Metal	No
LNK-10478	Outfall	Stream	Closed Conveyance	CLO-98187	Culvert	Round	36	0	0	0.00000000000	Concrete	No
LNK-10482	Outfall	Stream	Closed Conveyance	CLO-98182	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-10494	Outfall	Stream	Closed Conveyance	CLO-98207	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-10500	Outfall	Stream	Closed Conveyance	CLO-68169	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-10509	Outfall	Stream	Closed Conveyance	CLO-68411	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-10049	Outfall	Lake	Closed Conveyance	CLO-910	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-9906	Outfall	Lake	Closed Conveyance	CLO-58446	Pipe	Pipe	6	0	0	0.00000000000		No
LNK-10518	Outfall	Stream	Closed Conveyance	CLO-68571	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-10522	Outfall	Stream	Closed Conveyance	CLO-68057	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-10526	Outfall	Stream	Closed Conveyance	CLO-68023	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-7645	Outfall	Stream	Closed Conveyance	CLO-68532	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-10532	Outfall	Stream	Closed Conveyance	CLO-68058	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6769	Outfall	Stream	Closed Conveyance	CLO-68046	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-9282	Outfall	Stream	Closed Conveyance	CLO-68020	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-10534	Outfall	Stream	Closed Conveyance	CLO-68407	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-6797	Outfall	Stream	Closed Conveyance	CLO-68172	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-479	Outfall	Wetland	Closed Conveyance	CLO-64202	Pipe	Pipe	30	0	0	0.00000000000	Concrete	No
LNK-605	Outfall	Wetland	Closed Conveyance	CLO-54202	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-480	Outfall	Wetland	Closed Conveyance	CLO-8382	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-10054	Outfall	Lake	Closed Conveyance	CLO-918	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-2573	Outfall	Stream	Closed Conveyance	CLO-17527	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-8417	Outfall	Stream	Closed Conveyance	CLO-17518	Pipe	Pipe	24	0	0	5.00000000000	Concrete	No
LNK-3061	Outfall	Stream	Closed Conveyance	CLO-73503	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-2063	Outfall	Wetland	Closed Conveyance	CLO-78231	Culvert	Round	24	0	0	0.00000000000		No
LNK-2135	Outfall	Stream	Closed Conveyance	CLO-146179	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-2048	Outfall	Stream	Closed Conveyance	CLO-78538	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2207	Outfall	Stream	Closed Conveyance	CLO-78168	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-3038	Outfall	Stream	Closed Conveyance	CLO-72846	Culvert	Round	24	0	0	0.00000000000	RCP	None
LNK-10540	Outfall	Stream	Closed Conveyance	CLO-78440	Culvert	Round	12	0	0	0.00000000000		No
LNK-10541	Outfall	Stream	Closed Conveyance	CLO-78352	Culvert	Round	12	0	0	0.00000000000		No
LNK-2057	Outfall	Stream	Closed Conveyance	CLO-78536	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-1851	Outfall	Stream	Closed Conveyance	CLO-20579	Pipe	Pipe	36	0	0	0.00000000000	Plastic	No
LNK-2056	Outfall	Stream	Closed Conveyance	CLO-78690	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-10057	Outfall	Lake	Closed Conveyance	CLO-58363	Pipe	Pipe	6	0	0	0.00000000000		No
LNK-10059	Outfall	Wetland	Closed Conveyance	CLO-753	Pipe	Pipe	10	0	0	0.00000000000	PVC	No
LNK-3287	Outfall	Stream	Closed Conveyance	CLO-103737	Pipe	Pipe	18	0	0	0.00000000000	Metal	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-8405	Outfall	Potential Stream	Closed Conveyance	CLO-140313	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-6956	Outfall	Wetland	Closed Conveyance	CLO-71862	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2961	Outfall	Stream	Closed Conveyance	CLO-73831	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-8412	Outfall	Potential Stream	Closed Conveyance	CLO-73174	Culvert	Round	54	0	0	0.00000000000	Metal	No
LNK-8407	Outfall	Potential Wetland	Closed Conveyance	CLO-73669	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-2205	Outfall	Stream	Closed Conveyance	CLO-77973	Culvert	Round	48	0	0	0.00000000000	Metal	No
LNK-3066	Outfall	Stream	Closed Conveyance	CLO-73504	Culvert	Round	15	0	0	0.00000000000	Concrete	No
LNK-10545	Outfall	Potential Stream	Closed Conveyance	CLO-73514	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-2554	Outfall	Stream	Closed Conveyance	CLO-17537	Pipe	Pipe	24	0	0	2.80000000000	Concrete	No
LNK-3060	Outfall	Stream	Closed Conveyance	CLO-140755	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-2037	Outfall	Stream	Closed Conveyance	CLO-79177	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-8485	Outfall	Stream	Closed Conveyance	CLO-79238	Culvert	Round	24	0	0	4.70000000000	Metal	No
LNK-8504	Outfall	Potential Stream	Closed Conveyance	CLO-78879	Culvert	Round	24	0	0	2.50000000000	Metal	No
LNK-2560	Outfall	Stream	Closed Conveyance	CLO-17419	Pipe	Pipe	36	0	0	4.80000000000	Metal	No
LNK-1866	Outfall	Wetland	Closed Conveyance	CLO-73489	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-1667	Outfall	Stream	Closed Conveyance	CLO-77864	Culvert	Round	36	0	0	2.70000000000	RCP	No
LNK-10559	Outfall	Stream	Closed Conveyance	CLO-77864	Culvert	Round	36	0	0	2.70000000000	RCP	No
LNK-1666	Outfall	Stream	Closed Conveyance	CLO-77895	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-10560	Outfall	Stream	Closed Conveyance	CLO-72347	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-1632	Outfall	Stream	Closed Conveyance	CLO-78359	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-6426	Outfall	Stream	Closed Conveyance	CLO-136980	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-6245	Outfall	Marine	Closed Conveyance	CLO-12057	Pipe	Pipe	24	0	0	2.60000000000	LCPE	No
LNK-6375	Outfall	Marine	Closed Conveyance	CLO-12045	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-6251	Outfall	Marine	Closed Conveyance	CLO-11959	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-6247	Outfall	Marine	Closed Conveyance	CLO-11969	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-6376	Outfall	Marine	Closed Conveyance	CLO-11957	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-1541	Outfall	Stream	Closed Conveyance	CLO-27188	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-6373	Outfall	Marine	Closed Conveyance	CLO-144984	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-6319	Outfall	Marine	Closed Conveyance	CLO-11971	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-6317	Outfall	Marine	Closed Conveyance	CLO-12017	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-6316	Outfall	Marine	Closed Conveyance	CLO-11937	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-6378	Outfall	Marine	Closed Conveyance	CLO-12026	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-6377	Outfall	Marine	Closed Conveyance	CLO-12007	Pipe	Pipe	24	0	0	0.00000000000	CPEP	No
LNK-1551	Outfall	Stream	Closed Conveyance	CLO-84764	Culvert	Round	0	0	0	0.00000000000		No
LNK-6320	Outfall	Marine	Closed Conveyance	CLO-70409	Pipe	Pipe	12	0	0	0.00000000000	LCPE	None
LNK-6321	Outfall	Marine	Closed Conveyance	CLO-70109	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-6318	Outfall	Marine	Closed Conveyance	CLO-12025	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-3655	Outfall	Stream	Closed Conveyance	CLO-64314	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-4898	Outfall	Stream	Closed Conveyance	CLO-143475	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-4131	Outfall	Stream	Closed Conveyance	CLO-76382	Culvert	Box	18	0	0	0.00000000000	Concrete	No
LNK-2544	Outfall	Stream	Closed Conveyance	CLO-73638	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-4060	Outfall	Stream	Closed Conveyance	CLO-19445	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-4058	Outfall	Stream	Closed Conveyance	CLO-19337	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-4061	Outfall	Stream	Closed Conveyance	CLO-76369	Pipe	Pipe	24	0	0	0.00000000000	Concrete	None
LNK-4055	Outfall	Stream	Closed Conveyance	CLO-76275	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-4059	Outfall	Stream	Closed Conveyance	CLO-19444	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-4056	Outfall	Stream	Closed Conveyance	CLO-19406	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-9696	Unverified	Unknown	Closed Conveyance	CLO-76525	Pipe	Pipe	8	0	0	0.00000000000	Metal	No
LNK-4888	Unverified	Unverified Outfall	Closed Conveyance	CLO-106556	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-4889	Unverified	Unverified Outfall	Closed Conveyance	CLO-76618	Pipe	Pipe	8	0	0	0.00000000000	Metal	No
LNK-9801	Unverified	Unverified Outfall	Closed Conveyance	CLO-76588	Pipe	Pipe	8	0	0	0.00000000000	Metal	No
LNK-4111	Outfall	Stream	Closed Conveyance	CLO-144839	Culvert	Box	0	72	72	0.00000000000		No
LNK-4918	Outfall	Stream	Closed Conveyance	CLO-76262	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-4916	Outfall	Stream	Closed Conveyance	CLO-76290	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-4917	Outfall	Stream	Closed Conveyance	CLO-76290	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-10577	Outfall	Stream	Closed Conveyance	CLO-78854	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-10603	Outfall	Stream	Closed Conveyance	CLO-64443	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-3097	Outfall	Potential Wetland	Closed Conveyance	CLO-98297	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-10619	Outfall	Stream	Closed Conveyance	CLO-98328	Culvert	Round	24	0	0	0.00000000000	Plastic	No
LNK-10620	Outfall	Stream	Closed Conveyance	CLO-112134	Pipe	Pond-Filter Drain	6	0	0	0.00000000000	DI	No
LNK-10632	Outfall	Lake	Closed Conveyance	CLO-40592	Pipe	Pipe	30	0	0	0.00000000000	LCPE	No
LNK-10634	Outfall	Stream	Closed Conveyance	CLO-35688	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-10648	Outfall	Stream	Closed Conveyance	CLO-19510	Pipe	Pipe	30	0	0	13.60000000000	Metal	No
LNK-10660	Outfall	Stream	Closed Conveyance	CLO-35585	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-10679	Outfall	Wetland	Closed Conveyance	CLO-65647	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-10680	Outfall	Wetland	Closed Conveyance	CLO-65645	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-10683	Outfall	Wetland	Closed Conveyance	CLO-65725	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-10690	Outfall	Wetland	Closed Conveyance	CLO-65140	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-10725	Outfall	Wetland	Closed Conveyance	CLO-44837	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-10726	Outfall	Wetland	Closed Conveyance	CLO-32518	Pipe	Pipe	0	43	27	0.00000000000	Metal	No
LNK-10727	Outfall	Wetland	Closed Conveyance	CLO-64611	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-10733	Outfall	Ground	Closed Conveyance	CLO-33358	Pipe	Pipe	30	0	0	0.00000000000	Metal	No
LNK-10891	Outfall	Stream	Closed Conveyance	CLO-80014	Culvert	Round	36	0	0	0.00000000000	Concrete	No
LNK-10894	Outfall	Stream	Closed Conveyance	CLO-66701	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-10905	Outfall	Stream	Closed Conveyance	CLO-35289	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-10925	Outfall	Stream	Closed Conveyance	CLO-66883	Pipe	Pipe	21	0	0	0.00000000000	HDPE	No
LNK-10926	Outfall	Wetland	Closed Conveyance	CLO-4883	Pipe	Pipe	36	0	0	0.00000000000	RCP	No
LNK-10927	Outfall	Wetland	Closed Conveyance	CLO-4884	Pipe	Pipe	36	0	0	0.00000000000	RCP	No
LNK-10928	Unverified	Potential Wetland	Closed Conveyance	CLO-66884	Pipe	Tightline	16	0	0	0.00000000000	HDPE	No
LNK-11123	Outfall	Stream	Closed Conveyance	CLO-92406	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-11124	Outfall	Stream	Closed Conveyance	CLO-92369	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-11186	Outfall	Potential Wetland	Closed Conveyance	CLO-57109	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-11192	Outfall	Stream	Closed Conveyance	CLO-76510	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-3099	Outfall	Stream	Closed Conveyance	CLO-66550	Pipe	Pipe	8	0	0	0.00000000000	Metal	No
LNK-11234	Outfall	Potential Stream	Closed Conveyance	CLO-101676	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-11248	Outfall	Stream	Closed Conveyance	CLO-101802	Pipe	Pipe	8	0	0	0.00000000000	Plastic	No
LNK-11252	Outfall	Stream	Closed Conveyance	CLO-101804	Pipe	Pipe	0	0	0	0.00000000000	Plastic	No
LNK-11253	Outfall	Stream	Closed Conveyance	CLO-101806	Pipe	Pipe	0	0	0	0.00000000000	Plastic	No
LNK-11288	Outfall	Stream	Closed Conveyance	CLO-101717	Culvert	Round	12	0	0	0.00000000000	Concrete	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-11289	Outfall	Stream	Closed Conveyance	CLO-57198	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-11302	Outfall	Stream	Closed Conveyance	CLO-101961	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-11349	Outfall	Lake	Closed Conveyance	CLO-36229	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-11350	Outfall	Lake	Closed Conveyance	CLO-36067	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-11353	Outfall	Lake	Closed Conveyance	CLO-36402	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-11354	Outfall	Lake	Closed Conveyance	CLO-36032	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-11355	Outfall	Lake	Closed Conveyance	CLO-36106	Pipe	Pipe	30	0	0	0.00000000000	Concrete	No
LNK-11373	Outfall	Stream	Closed Conveyance	CLO-1702	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-11461	Outfall	Stream	Closed Conveyance	CLO-22915	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-11586	Outfall	Stream	Closed Conveyance	CLO-144378	Culvert	Round	0	0	0	0.00000000000		No
LNK-11595	Outfall	Stream	Closed Conveyance	CLO-29562	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-11607	Outfall	Stream	Closed Conveyance	CLO-73765	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-11608	Outfall	Stream	Closed Conveyance	CLO-73402	Culvert	Round	24	0	0	2.70000000000	Metal	No
LNK-11611	Outfall	Stream	Closed Conveyance	CLO-73503	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-11612	Outfall	Stream	Closed Conveyance	CLO-73503	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-11613	Outfall	Stream	Closed Conveyance	CLO-73503	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-11619	Outfall	Stream	Closed Conveyance	CLO-135375	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-11641	Outfall	Stream	Closed Conveyance	CLO-103830	Pipe	Pipe	15	0	0	0.00000000000		No
LNK-11656	Outfall	Stream	Closed Conveyance	CLO-1293	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-11690	Outfall	Stream	Closed Conveyance	CLO-1128	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-11723	Outfall	Stream	Closed Conveyance	CLO-104123	Pipe	Pipe	18	0	0	0.00000000000	DI	No
LNK-11724	Outfall	Stream	Closed Conveyance	CLO-104134	Pipe	Tightline	24	0	0	0.00000000000	LCPE	No
LNK-11740	Outfall	Wetland	Closed Conveyance	CLO-57523	Pipe	Pipe	12	0	0	0.00000000000	DI	No
LNK-11811	Outfall	Stream	Closed Conveyance	CLO-104546	Pipe	Pipe	18	0	0	0.00000000000	PVC	No
LNK-11812	Outfall	Stream	Closed Conveyance	CLO-81567	Culvert	Round	48	0	0	0.00000000000	Metal	No
LNK-11860	Outfall	Stream	Closed Conveyance	CLO-144367	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-11862	Outfall	Stream	Closed Conveyance	CLO-144315	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-11863	Outfall	Stream	Closed Conveyance	CLO-136529	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-11864	Outfall	Stream	Closed Conveyance	CLO-12179	Pipe	Pipe	36	0	0	1.40000000000	Metal	No
LNK-11865	Outfall	Stream	Closed Conveyance	CLO-12228	Pipe	Pipe	36	0	0	1.00000000000	Metal	No
LNK-11870	Outfall	Stream	Closed Conveyance	CLO-67961	Culvert	Arch	0	48	40	4.50000000000	Metal	No
LNK-11880	Outfall	Stream	Closed Conveyance	CLO-80791	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-11885	Outfall	Stream	Closed Conveyance	CLO-106489	Culvert	Bottomless Box	0	120	48	1.40000000000	Concrete	No
LNK-11886	Outfall	Stream	Closed Conveyance	CLO-10294	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-11889	Outfall	Stream	Closed Conveyance	CLO-104766	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-11930	Outfall	Wetland	Closed Conveyance	CLO-18123	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-11999	Outfall	Stream	Closed Conveyance	CLO-126743	Culvert	Round	12	0	0	0.00000000000		No
LNK-12000	Outfall	Stream	Closed Conveyance	CLO-91434	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-12001	Outfall	Stream	Closed Conveyance	CLO-8679	Pipe	Pipe	12	0	0	2.80000000000	Concrete	No
LNK-12003	Outfall	Wetland	Closed Conveyance	CLO-91439	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-12007	Outfall	Stream	Closed Conveyance	CLO-36713	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-12031	Outfall	Stream	Closed Conveyance	CLO-146541	Pipe	Pipe	36	0	0	0.00000000000	Metal	No
LNK-12033	Outfall	Stream	Closed Conveyance	CLO-1658	Pipe	Pipe	48	0	0	0.00000000000	Metal	No
LNK-12034	Outfall	Stream	Closed Conveyance	CLO-1658	Pipe	Pipe	48	0	0	0.00000000000	Metal	No
LNK-12035	Outfall	Stream	Closed Conveyance	CLO-1617	Pipe	Pipe	10	0	0	0.00000000000	Metal	No
LNK-12043	Outfall	Stream	Closed Conveyance	CLO-105016	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-12057	Outfall	Stream	Closed Conveyance	CLO-1354	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-12181	Outfall	Potential Wetland	Closed Conveyance	CLO-5000	Pipe	Pipe	8	0	0	0.00000000000	Concrete	No
LNK-12182	Outfall	Potential Wetland	Closed Conveyance	CLO-104545	Pipe	Pipe	6	0	0	0.00000000000	Plastic	No
LNK-12247	Outfall	Wetland	Closed Conveyance	CLO-74894	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-12260	Outfall	Stream	Closed Conveyance	CLO-74292	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-12285	Outfall	Stream	Closed Conveyance	CLO-8385	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-12286	Outfall	Stream	Closed Conveyance	CLO-8384	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-12380	Outfall	Stream	Closed Conveyance	CLO-3072	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-12381	Outfall	Stream	Closed Conveyance	CLO-3075	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-12419	Outfall	Stream	Closed Conveyance	CLO-81860	Culvert	Bottomless Box	0	96	36	0.00000000000	Concrete	No
LNK-12433	Outfall	Stream	Closed Conveyance	CLO-98254	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-12435	Outfall	Stream	Closed Conveyance	CLO-851	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-12442	Outfall	Stream	Closed Conveyance	CLO-58481	Pipe	Pipe	8	0	0	0.00000000000	Concrete	No
LNK-12444	Outfall	Stream	Closed Conveyance	CLO-860	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-12450	Outfall	Stream	Closed Conveyance	CLO-867	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12469	Outfall	Potential Stream	Closed Conveyance	CLO-80185	Culvert	Round	18	0	0	0.00000000000	LCPE	No
LNK-12476	Outfall	Stream	Closed Conveyance	CLO-105530	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-12529	Outfall	Wetland	Closed Conveyance	CLO-104922	Pipe	Pipe	27	0	0	0.00000000000	Metal	No
LNK-12554	Outfall	Stream	Closed Conveyance	CLO-8542	Pipe	Pipe	36	0	0	0.00000000000	Metal	No
LNK-12589	Outfall	Stream	Closed Conveyance	CLO-58486	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12599	Outfall	Stream	Closed Conveyance	CLO-4630	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-12600	Outfall	Stream	Closed Conveyance	CLO-24548	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-12605	Outfall	Stream	Closed Conveyance	CLO-24547	Pipe	Pipe	48	0	0	2.10000000000	Metal	No
LNK-12610	Outfall	Stream	Closed Conveyance	CLO-851	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-12611	Outfall	Wetland	Closed Conveyance	CLO-105835	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12612	Outfall	Stream	Closed Conveyance	CLO-33000	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-12613	Outfall	Stream	Closed Conveyance	CLO-88964	Pipe	Pipe	8	0	0	0.00000000000	Concrete	No
LNK-12615	Outfall	Stream	Closed Conveyance	CLO-32101	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-12616	Outfall	Stream	Closed Conveyance	CLO-36549	Pipe	Pipe	6	0	0	0.00000000000	Concrete	No
LNK-12617	Outfall	Stream	Closed Conveyance	CLO-101457	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12618	Outfall	Stream	Closed Conveyance	CLO-105835	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12626	Outfall	Wetland	Closed Conveyance	CLO-146636	Pipe	Pipe	48	0	0	0.00000000000	Metal	No
LNK-12635	Outfall	Stream	Closed Conveyance	CLO-58465	Pipe	Pipe	6	0	0	0.00000000000		No
LNK-12638	Outfall	Wetland	Closed Conveyance	CLO-105886	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-12639	Outfall	Wetland	Closed Conveyance	CLO-105887	Pipe	Pipe	12	0	0	0.00000000000	DI	No
LNK-12655	Outfall	Potential Wetland	Closed Conveyance	CLO-108812	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-12665	Outfall	Stream	Closed Conveyance	CLO-45093	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-12666	Outfall	Stream	Closed Conveyance	CLO-145062	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-12667	Outfall	Stream	Closed Conveyance	CLO-45183	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12682	Outfall	Stream	Closed Conveyance	CLO-1134	Pipe	Pipe	36	0	0	2.70000000000	RCP	No
LNK-12716	Outfall	Stream	Closed Conveyance	CLO-77625	Culvert	Round	30	0	0	0.00000000000	Metal	No
LNK-12722	Outfall	Stream	Closed Conveyance	CLO-106215	Culvert	Box	0	0	216	48.00000000000		No
LNK-12728	Outfall	Stream	Closed Conveyance	CLO-72623	Culvert	Round	0	0	0	0.00000000000		No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-12725	Outfall	Stream	Closed Conveyance	CLO-17300	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-12733	Outfall	Stream	Closed Conveyance	CLO-1617	Pipe	Pipe	10	0	0	0.00000000000	Metal	No
LNK-12735	Outfall	Stream	Closed Conveyance	CLO-106332	Pipe	Pipe	0	0	0	0.00000000000		No
LNK-12737	Outfall	Stream	Closed Conveyance	CLO-97534	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-12738	Outfall	Stream	Closed Conveyance	CLO-97535	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-12739	Outfall	Stream	Closed Conveyance	CLO-97534	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-12762	Outfall	Stream	Closed Conveyance	CLO-72888	Culvert	Round	48	0	0	0.00000000000	Concrete	None
LNK-12763	Outfall	Stream	Closed Conveyance	CLO-78185	Culvert	Round	36	0	0	0.00000000000	RCP	None
LNK-12774	Outfall	Stream	Closed Conveyance	CLO-72237	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-12777	Outfall	Stream	Closed Conveyance	CLO-73204	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-12778	Outfall	Stream	Closed Conveyance	CLO-73302	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-12781	Outfall	Stream	Closed Conveyance	CLO-27074	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-12782	Outfall	Stream	Closed Conveyance	CLO-72252	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-12783	Outfall	Stream	Closed Conveyance	CLO-73101	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-12786	Outfall	Stream	Closed Conveyance	CLO-72197	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-12787	Unverified	Wetland	Closed Conveyance	CLO-106791	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-12790	Outfall	Stream	Closed Conveyance	CLO-106833	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-12808	Outfall	Wetland	Closed Conveyance	CLO-107058	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-12820	Outfall	Wetland	Closed Conveyance	CLO-107097	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-12847	Outfall	Wetland	Closed Conveyance	CLO-27604	Pipe	Pipe	12	0	0	0.00000000000		No
LNK-12863	Outfall	Stream	Closed Conveyance	CLO-107306	Pipe	Pipe	18	0	0	0.00000000000		No
LNK-12887	Outfall	Stream	Closed Conveyance	CLO-4650	Culvert	Squash	0	58	40	0.00000000000	Metal	No
LNK-12888	Outfall	Stream	Closed Conveyance	CLO-4649	Pipe	Pipe	18	0	0	0.00000000000	CPEP	No
LNK-12922	Outfall	Stream	Closed Conveyance	CLO-107438	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12926	Outfall	Stream	Closed Conveyance	CLO-104263	Pipe	Pipe	8	0	0	0.00000000000	Concrete	No
LNK-12927	Outfall	Stream	Closed Conveyance	CLO-104264	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-12928	Outfall	Stream	Closed Conveyance	CLO-104048	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12929	Outfall	Stream	Closed Conveyance	CLO-104054	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12930	Outfall	Stream	Closed Conveyance	CLO-104052	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12931	Outfall	Stream	Closed Conveyance	CLO-104050	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-12971	Outfall	Lake	Closed Conveyance	CLO-107569	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-13056	Outfall	Stream	Closed Conveyance	CLO-4683	Pipe	Pipe	36	0	0	0.00000000000	Aluminum	No
LNK-13070	Outfall	Stream	Closed Conveyance	CLO-82072	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-13096	Outfall	Stream	Closed Conveyance	CLO-108034	Pipe	Tightline	30	0	0	0.00000000000	HDPE	No
LNK-13099	Outfall	Stream	Closed Conveyance	CLO-4724	Pipe	Pipe	15	0	0	0.00000000000	Concrete	No
LNK-13100	Outfall	Stream	Closed Conveyance	CLO-4722	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-13101	Outfall	Stream	Closed Conveyance	CLO-4721	Pipe	Pipe	15	0	0	0.00000000000	Concrete	No
LNK-13181	Outfall	Potential Stream	Closed Conveyance	CLO-4298	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-13193	Outfall	Stream	Closed Conveyance	CLO-108400	Pipe	Pipe	15	0	0	0.00000000000	Metal	Galvanized
LNK-13291	Outfall	Stream	Closed Conveyance	CLO-3020	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-13292	Outfall	Stream	Closed Conveyance	CLO-3021	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-13293	Outfall	Stream	Closed Conveyance	CLO-3023	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-13294	Outfall	Stream	Closed Conveyance	CLO-3024	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-13295	Outfall	Stream	Closed Conveyance	CLO-3027	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-13296	Outfall	Stream	Closed Conveyance	CLO-3030	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-13297	Outfall	Stream	Closed Conveyance	CLO-3031	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-13300	Outfall	Stream	Closed Conveyance	CLO-3034	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-13301	Outfall	Stream	Closed Conveyance	CLO-3037	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-13302	Outfall	Stream	Closed Conveyance	CLO-3041	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-13339	Outfall	Wetland	Closed Conveyance	CLO-4720	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-13402	Outfall	Stream	Closed Conveyance	CLO-35443	Pipe	Pipe	18	0	0	0.00000000000	Aluminum	No
LNK-13414	Outfall	Stream	Closed Conveyance	CLO-73542	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-13415	Outfall	Stream	Closed Conveyance	CLO-73766	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-13416	Outfall	Stream	Closed Conveyance	CLO-73700	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-13417	Outfall	Stream	Closed Conveyance	CLO-73199	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-13420	Outfall	Stream	Closed Conveyance	CLO-73231	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-13461	Outfall	Wetland	Closed Conveyance	CLO-109806	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-13556	Unverified	Stream	Closed Conveyance	CLO-35464	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-13567	Unverified	Stream	Closed Conveyance	CLO-87939	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-13665	Outfall	Wetland	Closed Conveyance	CLO-146623	Culvert	Round	18	0	0	0.00000000000	Aluminum	No
LNK-13697	Outfall	Stream	Closed Conveyance	CLO-96974	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-13809	Outfall	Stream	Closed Conveyance	CLO-26751	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-13871	Outfall	Stream	Closed Conveyance	CLO-107360	Pipe	Pipe	30	0	0	0.00000000000	Metal	No
LNK-13873	Outfall	Stream	Closed Conveyance	CLO-112295	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-13875	Outfall	Stream	Closed Conveyance	CLO-112288	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-13883	Outfall	Wetland	Closed Conveyance	CLO-112055	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-13918	Outfall	Stream	Closed Conveyance	CLO-92404	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-13928	Outfall	Potential Wetland	Closed Conveyance	CLO-21443	Pipe	Pipe	24	0	0	0.00000000000	Plastic	No
LNK-13987	Outfall	Stream	Closed Conveyance	CLO-64221	Pipe	Pipe	24	0	0	14.50000000000	Metal	No
LNK-14035	Outfall	Potential Stream	Closed Conveyance	CLO-16828	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-14040	Outfall	Potential Wetland	Closed Conveyance	CLO-114319	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-14041	Outfall	Wetland	Closed Conveyance	CLO-109367	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-14053	Outfall	Stream	Closed Conveyance	CLO-114388	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-14063	Outfall	Ground	Closed Conveyance	CLO-114590	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-14077	Outfall	Wetland	Closed Conveyance	CLO-8598	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-14078	Outfall	Wetland	Closed Conveyance	CLO-114850	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-14079	Outfall	Wetland	Closed Conveyance	CLO-114854	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-14080	Outfall	Wetland	Closed Conveyance	CLO-114849	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-14082	Outfall	Wetland	Closed Conveyance	CLO-114973	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-14083	Outfall	Wetland	Closed Conveyance	CLO-114975	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-14094	Outfall	Stream	Closed Conveyance	CLO-115298	Pipe	Tightline	18	0	0	0.00000000000	HDPE	No
LNK-14095	Outfall	Stream	Closed Conveyance	CLO-137097	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-14127	Outfall	Stream	Closed Conveyance	CLO-88211	Culvert	Round	30	0	0	5.60000000000	Metal	No
LNK-14138	Outfall	Stream	Closed Conveyance	CLO-115932	Pipe	Pipe	18	0	0	0.00000000000	Aluminum	No
LNK-14139	Outfall	Stream	Closed Conveyance	CLO-115963	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-14145	Outfall	Potential Wetland	Closed Conveyance	CLO-115974	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-14151	Outfall	Stream	Closed Conveyance	CLO-4312	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-14162	Outfall	Stream	Closed Conveyance	CLO-51540	Pipe	Pipe	36	0	0	0.00000000000	Metal	No
LNK-14184	Outfall	Stream	Closed Conveyance	CLO-104651	Pipe	Pipe	42	0	0	11.00000000000	DI	Asphalt

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-14194	Outfall	Stream	Closed Conveyance	CLO-21355	Pipe	Tightline	18	0	0	0.00000000000	HDPE	No
LNK-14222	Outfall	Wetland	Closed Conveyance	CLO-76510	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-14249	Outfall	Unknown	Closed Conveyance	CLO-117424	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-14251	Outfall	Wetland	Closed Conveyance	CLO-117428	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-14260	Outfall	Potential Stream	Closed Conveyance	CLO-88196	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-14270	Outfall	Stream	Closed Conveyance	CLO-859	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-14287	Outfall	Wetland	Closed Conveyance	CLO-118251	Culvert	Round	12	0	0	0.00000000000	CPEP	No
LNK-14336	Outfall	Stream	Closed Conveyance	CLO-119098	Pipe	Pipe	4	0	0	0.00000000000	Concrete	No
LNK-14347	Outfall	Stream	Closed Conveyance	CLO-119405	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-14389	Outfall	Stream	Closed Conveyance	CLO-118918	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-14490	Outfall	Potential Wetland	Closed Conveyance	CLO-120422	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-14645	Unverified	Unknown	Closed Conveyance	CLO-121220	Pipe	Pipe	6	0	0	0.00000000000	Metal	No
LNK-14846	Outfall	Stream	Closed Conveyance	CLO-123226	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-14847	Outfall	Stream	Closed Conveyance	CLO-123227	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-14964	Outfall	Wetland	Closed Conveyance	CLO-64196	Pipe	Pipe	0	33	25	2.00000000000	Metal	No
LNK-14965	Outfall	Wetland	Closed Conveyance	CLO-55090	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-14983	Outfall	Stream	Closed Conveyance	CLO-122694	Culvert	Round	18	0	0	0.00000000000	LCPE	No
LNK-14984	Outfall	Stream	Closed Conveyance	CLO-97549	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-14992	Outfall	Stream	Closed Conveyance	CLO-109210	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-15002	Outfall	Stream	Closed Conveyance	CLO-12289	Pipe	Pipe	30	0	0	2.90000000000	Metal	No
LNK-15048	Outfall	Stream	Closed Conveyance	CLO-106394	Culvert	Box	0	72	42	0.00000000000	Concrete	No
LNK-15102	Outfall	Lake	Closed Conveyance	CLO-123503	Pipe	Pipe	36	0	0	0.00000000000	Metal	Galvanized
LNK-15107	Outfall	Wetland	Closed Conveyance	CLO-112035	Pipe	Pipe	15	0	0	0.00000000000	Concrete	No
LNK-15301	Outfall	Potential Stream	Closed Conveyance	CLO-82934	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-15302	Outfall	Potential Stream	Closed Conveyance	CLO-82934	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-15386	Outfall	Wetland	Closed Conveyance	CLO-80177	Culvert	Round	12	0	0	0.00000000000		No
LNK-15489	Outfall	Stream	Closed Conveyance	CLO-134641	Pipe	Pipe	8	0	0	0.00000000000	CPEP	No
LNK-15492	Outfall	Wetland	Closed Conveyance	CLO-116436	Pipe	Pipe	24	0	0	0.00000000000	CPEP	No
LNK-15647	Outfall	Stream	Closed Conveyance	CLO-125993	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-15648	Outfall	Stream	Closed Conveyance	CLO-125898	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-15867	Outfall	Stream	Closed Conveyance	CLO-125631	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-15868	Outfall	Stream	Closed Conveyance	CLO-125631	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-15963	Outfall	Potential Stream	Closed Conveyance	CLO-26243	Pipe	Pipe	24	0	0	0.60000000000	Metal	No
LNK-16447	Outfall	Ground	Closed Conveyance	CLO-127307	Pipe	Pipe	12	0	0	0.00000000000		No
LNK-16544	Outfall	Stream	Closed Conveyance	CLO-23914	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-16545	Outfall	Stream	Closed Conveyance	CLO-23683	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-16548	Outfall	Stream	Closed Conveyance	CLO-23934	Pipe	Pipe	30	0	0	0.00000000000	RCP	No
LNK-16549	Outfall	Stream	Closed Conveyance	CLO-23701	Pipe	Pipe	8	0	0	0.00000000000	Concrete	No
LNK-16596	Outfall	Stream	Closed Conveyance	CLO-92452	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-16600	Outfall	Stream	Closed Conveyance	CLO-21083	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-16634	Outfall	Wetland	Closed Conveyance	CLO-127730	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-16635	Outfall	Wetland	Closed Conveyance	CLO-127717	Culvert	Round	12	0	0	0.00000000000		No
LNK-16652	Outfall	Stream	Closed Conveyance	CLO-97791	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-16653	Outfall	Stream	Closed Conveyance	CLO-97791	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-16707	Outfall	Stream	Closed Conveyance	CLO-7496	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-16708	Outfall	Stream	Closed Conveyance	CLO-8091	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-16709	Outfall	Stream	Closed Conveyance	CLO-8443	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-16710	Outfall	Stream	Closed Conveyance	CLO-53405	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-16711	Outfall	Stream	Closed Conveyance	CLO-8443	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-16752	Outfall	Potential Stream	Closed Conveyance	CLO-80005	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-16776	Outfall	Stream	Closed Conveyance	CLO-97653	Culvert	Arch	18	24	12	4.00000000000	Metal	No
LNK-16964	Outfall	Stream	Closed Conveyance	CLO-112918	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-17012	Outfall	Stream	Closed Conveyance	CLO-125978	Pipe	Tightline	12	0	0	0.00000000000	HDPE	No
LNK-17118	Outfall	Stream	Closed Conveyance	CLO-128184	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-17152	Outfall	Wetland	Closed Conveyance	CLO-120700	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-17258	Outfall	Potential Stream	Closed Conveyance	CLO-21579	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-17270	Outfall	Stream	Closed Conveyance	CLO-128690	Culvert	Round	18	0	0	0.00000000000	Metal	Asphalt
LNK-17317	Unverified	Unverified Connection	Closed Conveyance	CLO-104141	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-17382	Outfall	Potential Stream	Closed Conveyance	CLO-4469	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-17682	Outfall	Potential Wetland	Closed Conveyance	CLO-80525	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-17951	Outfall	Stream	Closed Conveyance	CLO-129720	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-18041	Outfall	Potential Stream	Closed Conveyance	CLO-82643	Culvert	Round	8	0	0	0.00000000000	PVC	No
LNK-18042	Outfall	Potential Stream	Closed Conveyance	CLO-106388	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-18043	Outfall	Potential Stream	Closed Conveyance	CLO-82700	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-18153	Outfall	Stream	Closed Conveyance	CLO-126500	Pipe	Pipe	8	0	0	0.00000000000	CPEP	No
LNK-18176	Outfall	Stream	Closed Conveyance	CLO-25709	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-18181	Outfall	Stream	Closed Conveyance	CLO-45167	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-18182	Outfall	Stream	Closed Conveyance	CLO-45026	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-18183	Outfall	Stream	Closed Conveyance	CLO-91874	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-18246	Outfall	Potential Stream	Closed Conveyance	CLO-26018	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-18249	Outfall	Potential Stream	Closed Conveyance	CLO-26095	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-18556	Outfall	Stream	Closed Conveyance	CLO-95078	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-18630	Outfall	Stream	Closed Conveyance	CLO-101859	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-18843	Outfall	Wetland	Closed Conveyance	CLO-117010	Pipe	Pipe	30	0	0	0.00000000000	Metal	No
LNK-18880	Outfall	Stream	Closed Conveyance	CLO-72374	Culvert	Round	6	0	0	0.00000000000	CPEP	No
LNK-18881	Outfall	Stream	Closed Conveyance	CLO-72309	Culvert	Round	6	0	0	0.00000000000	PVC	No
LNK-18915	Outfall	Stream	Closed Conveyance	CLO-130981	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-18923	Outfall	Stream	Closed Conveyance	CLO-108111	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-18924	Outfall	Stream	Closed Conveyance	CLO-101866	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-18925	Outfall	Stream	Closed Conveyance	CLO-101863	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-18926	Outfall	Stream	Closed Conveyance	CLO-101870	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-18927	Outfall	Stream	Closed Conveyance	CLO-101770	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-18928	Outfall	Stream	Closed Conveyance	CLO-101772	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-18939	Outfall	Potential Stream	Closed Conveyance	CLO-116050	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-19110	Outfall	Stream	Closed Conveyance	CLO-16362	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-19198	Outfall	Wetland	Closed Conveyance	CLO-107099	Pipe	Pipe	12	0	0	0.00000000000	RCP	No
LNK-19223	Outfall	Potential Stream	Closed Conveyance	CLO-88321	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-19427	Outfall	Potential Stream	Closed Conveyance	CLO-87739	Culvert	Round	36	0	0	0.00000000000	Concrete	No
LNK-19441	Outfall	Stream	Closed Conveyance	CLO-87222	Culvert	Round	18	0	0	0.00000000000	Concrete	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-19511	Outfall	Stream	Closed Conveyance	CLO-36028	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-19512	Outfall	Stream	Closed Conveyance	CLO-36521	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-19517	Outfall	Stream	Closed Conveyance	CLO-31130	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-19518	Outfall	Stream	Closed Conveyance	CLO-132211	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-19570	Outfall	Stream	Closed Conveyance	CLO-35412	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-19637	Outfall	Stream	Closed Conveyance	CLO-35381	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-19638	Outfall	Stream	Closed Conveyance	CLO-35689	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-19639	Outfall	Stream	Closed Conveyance	CLO-87685	Culvert	Round	18	0	0	0.00000000000	Metal	No
LNK-19775	Outfall	Stream	Closed Conveyance	CLO-115199	Pipe	Pipe	32	0	0	0.00000000000	Metal	No
LNK-19776	Outfall	Stream	Closed Conveyance	CLO-115383	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-19916	Outfall	Stream	Closed Conveyance	CLO-132843	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-19923	Outfall	Stream	Closed Conveyance	CLO-114921	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-19924	Outfall	Stream	Closed Conveyance	CLO-114874	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-19959	Outfall	Stream	Closed Conveyance	CLO-94560	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-20020	Outfall	Potential Stream	Closed Conveyance	CLO-133045	Culvert	Round	12	0	0	0.00000000000	Metal	Asphalt
LNK-20022	Outfall	Potential Stream	Closed Conveyance	CLO-133045	Culvert	Round	12	0	0	0.00000000000	Metal	Asphalt
LNK-20023	Outfall	Potential Stream	Closed Conveyance	CLO-114695	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-20024	Outfall	Potential Stream	Closed Conveyance	CLO-115067	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-20027	Outfall	Potential Stream	Closed Conveyance	CLO-7694	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-20057	Outfall	Wetland	Closed Conveyance	CLO-111105	Culvert	Round	18	0	0	0.00000000000	LCPE	No
LNK-20058	Outfall	Wetland	Closed Conveyance	CLO-111106	Culvert	Round	18	0	0	0.00000000000	LCPE	No
LNK-20060	Outfall	Stream	Closed Conveyance	CLO-132998	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-20061	Outfall	Stream	Closed Conveyance	CLO-132998	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-20074	Outfall	Stream	Closed Conveyance	CLO-133344	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-20098	Outfall	Stream	Closed Conveyance	CLO-52300	Pipe	Pipe	30	0	0	0.00000000000	LCPE	No
LNK-20292	Outfall	Stream	Closed Conveyance	CLO-134014	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-20308	Outfall	Stream	Closed Conveyance	CLO-17581	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-20341	Outfall	Wetland	Closed Conveyance	CLO-73903	Culvert	Box	0	29	50	0.00000000000	Concrete	No
LNK-20377	Outfall	Stream	Closed Conveyance	CLO-117140	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-20425	Outfall	Stream	Closed Conveyance	CLO-134483	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-20536	Outfall	Stream	Closed Conveyance	CLO-120268	Culvert	Box	72	0	0	0.00000000000	Concrete	No
LNK-20549	Outfall	Stream	Closed Conveyance	CLO-55459	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-20561	Outfall	Potential Wetland	Closed Conveyance	CLO-134769	Culvert	Round	12	0	0	0.00000000000	Aluminum	No
LNK-20574	Outfall	Stream	Closed Conveyance	CLO-105055	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-20575	Outfall	Stream	Closed Conveyance	CLO-134633	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-20582	Outfall	Wetland	Closed Conveyance	CLO-71722	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-20587	Outfall	Wetland	Closed Conveyance	CLO-71784	Culvert	Round	18	0	0	0.00000000000	LCPE	No
LNK-20755	Outfall	Wetland	Closed Conveyance	CLO-133163	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-20756	Outfall	Wetland	Closed Conveyance	CLO-133149	Culvert	Round	18	0	0	0.00000000000	RCP	No
LNK-20830	Outfall	Stream	Closed Conveyance	CLO-94056	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-20875	Outfall	Stream	Closed Conveyance	CLO-134502	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-20956	Outfall	Wetland	Closed Conveyance	CLO-117391	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-21016	Outfall	Potential Stream	Closed Conveyance	CLO-34664	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-21063	Unverified	Unverified Connection	Closed Conveyance	CLO-136016	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-21093	Outfall	Stream	Closed Conveyance	CLO-130643	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-21096	Outfall	Stream	Closed Conveyance	CLO-94514	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-21102	Unverified	Stream	Closed Conveyance	CLO-113560	Pipe	Pipe	42	0	0	0.00000000000	Metal	No
LNK-21106	Outfall	Stream	Closed Conveyance	CLO-105649	Pipe	Pipe	36	0	0	0.00000000000	HDPE	No
LNK-21107	Outfall	Stream	Closed Conveyance	CLO-109692	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-21111	Outfall	Stream	Closed Conveyance	CLO-107904	Pipe	Pipe	8	0	0	0.00000000000	Plastic	No
LNK-21113	Outfall	Stream	Closed Conveyance	CLO-114643	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-21116	Outfall	Stream	Closed Conveyance	CLO-117670	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-21119	Outfall	Stream	Closed Conveyance	CLO-115028	Pipe	Pipe	54	0	0	0.00000000000	Metal	No
LNK-21129	Outfall	Stream	Closed Conveyance	CLO-52372	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-21130	Outfall	Stream	Closed Conveyance	CLO-134743	Pipe	Pipe	10	0	0	0.00000000000	CPEP	No
LNK-21131	Outfall	Potential Stream	Closed Conveyance	CLO-95101	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-21158	Outfall	Stream	Closed Conveyance	CLO-87458	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-21159	Outfall	Stream	Closed Conveyance	CLO-87740	Culvert	Round	12	0	0	0.00000000000	DI	No
LNK-21170	Outfall	Stream	Closed Conveyance	CLO-87444	Pipe	Pipe	36	0	0	0.00000000000	LCPE	No
LNK-21229	Outfall	Stream	Closed Conveyance	CLO-75487	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-21355	Outfall	Stream	Closed Conveyance	CLO-136162	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-21396	Outfall	Stream	Closed Conveyance	CLO-136468	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-21485	Outfall	Stream	Closed Conveyance	CLO-136652	Culvert	Round	10	0	0	0.00000000000	LCPE	No
LNK-21508	Outfall	Stream	Closed Conveyance	CLO-12015	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-21521	Outfall	Stream	Closed Conveyance	CLO-136779	Pipe	Yard-Roof Drain	4	0	0	0.00000000000	CPEP	No
LNK-21556	Outfall	Stream	Closed Conveyance	CLO-11857	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-21632	Outfall	Stream	Closed Conveyance	CLO-70037	Culvert	Round	36	0	0	0.00000000000	Concrete	None
LNK-21873	Outfall	Stream	Closed Conveyance	CLO-50361	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-21874	Outfall	Stream	Closed Conveyance	CLO-109833	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-21875	Outfall	Stream	Closed Conveyance	CLO-109802	Pipe	Force Main	10	0	0	0.00000000000	PVC	No
LNK-21877	Outfall	Stream	Closed Conveyance	CLO-50331	Pipe	Pipe	24	0	0	0.00000000000	LCPE	No
LNK-21878	Outfall	Stream	Closed Conveyance	CLO-109834	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-21934	Outfall	Stream	Closed Conveyance	CLO-11847	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-21975	Outfall	Stream	Closed Conveyance	CLO-127424	Pipe	Underdrain	6	0	0	0.00000000000	PVC	No
LNK-22066	Outfall	Potential Stream	Closed Conveyance	CLO-97315	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-22067	Outfall	Potential Stream	Closed Conveyance	CLO-54509	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-22118	Outfall	Potential Stream	Closed Conveyance	CLO-137807	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-22229	Outfall	Stream	Closed Conveyance	CLO-81247	Culvert	Round	24	0	0	0.00000000000	Metal	No
LNK-22249	Unverified	Private	Closed Conveyance	CLO-60438	Pipe	Pipe	6	0	0	0.00000000000	LCPE	No
LNK-22333	Outfall	Wetland	Closed Conveyance	CLO-138295	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-22373	Outfall	Stream	Closed Conveyance	CLO-12423	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-22353	Outfall	Potential Stream	Closed Conveyance	CLO-83924	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-22354	Outfall	Potential Stream	Closed Conveyance	CLO-83924	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-22357	Outfall	Potential Stream	Closed Conveyance	CLO-4736	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-22361	Outfall	Stream	Closed Conveyance	CLO-31189	Pipe	Pipe	30	0	0	0.00000000000	Concrete	No
LNK-22458	Outfall	Stream	Closed Conveyance	CLO-117439	Culvert	Round	72	0	0	0.00000000000	Metal	No
LNK-22459	Outfall	Stream	Closed Conveyance	CLO-117438	Culvert	Round	72	0	0	0.00000000000	Metal	No
LNK-22574	Outfall	Wetland	Closed Conveyance	CLO-91518	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-22576	Outfall	Potential Wetland	Closed Conveyance	CLO-127716	Culvert	Round	15	0	0	0.00000000000	DI	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-22583	Outfall	Stream	Closed Conveyance	CLO-69972	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-22752	Outfall	Potential Stream	Closed Conveyance	CLO-92252	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-22813	Outfall	Stream	Closed Conveyance	CLO-96313	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-22814	Outfall	Stream	Closed Conveyance	CLO-139114	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-22815	Outfall	Stream	Closed Conveyance	CLO-139116	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-22849	Outfall	Stream	Closed Conveyance	CLO-138894	Culvert	Round	4	0	0	0.00000000000	PVC	No
LNK-22916	Outfall	Potential Stream	Closed Conveyance	CLO-17085	Pipe	Pipe	30	0	0	3.50000000000	Metal	No
LNK-22924	Outfall	Stream	Closed Conveyance	CLO-94126	Culvert	Round	48	0	0	0.00000000000	Metal	No
LNK-22926	Outfall	Stream	Closed Conveyance	CLO-68190	Culvert	Round	48	0	0	0.00000000000	Metal	No
LNK-22993	Outfall	Wetland	Closed Conveyance	CLO-123940	Pipe	Pipe	12	0	0	0.00000000000		No
LNK-22994	Outfall	Wetland	Closed Conveyance	CLO-124769	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-22995	Outfall	Wetland	Closed Conveyance	CLO-124765	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-22999	Outfall	Stream	Closed Conveyance	CLO-35770	Pipe	Pipe	36	0	0	1.50000000000	Metal	No
LNK-23001	Outfall	Stream	Closed Conveyance	CLO-20400	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-23056	Outfall	Potential Wetland	Closed Conveyance	CLO-123264	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-23136	Outfall	Stream	Closed Conveyance	CLO-35414	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-23343	Outfall	Lake	Closed Conveyance	CLO-120038	Pipe	Pipe	12	0	0	0.00000000000		No
LNK-23344	Outfall	Lake	Closed Conveyance	CLO-119947	Pipe	Pipe	12	0	0	0.00000000000		No
LNK-23542	Outfall	Potential Stream	Closed Conveyance	CLO-73407	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-23593	Outfall	Potential Stream	Closed Conveyance	CLO-123556	Pipe	Pipe	12	0	0	0.00000000000	DI	No
LNK-23651	Outfall	Stream	Closed Conveyance	CLO-140225	Pipe	Yard-Roof Drain	12	0	0	0.00000000000	HDPE	No
LNK-23731	Outfall	Potential Stream	Closed Conveyance	CLO-73033	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-23743	Outfall	Stream	Closed Conveyance	CLO-121833	Pipe	Pipe	42	0	0	0.00000000000	Metal	No
LNK-23744	Outfall	Stream	Closed Conveyance	CLO-104945	Pipe	Pipe	42	0	0	0.00000000000	Metal	No
LNK-23751	Outfall	Stream	Closed Conveyance	CLO-17360	Pipe	Pipe	24	0	0	1.70000000000	RCP	No
LNK-23798	Outfall	Stream	Closed Conveyance	CLO-146178	Culvert	Round	36	0	0	0.00000000000	Metal	No
LNK-23781	Outfall	Stream	Closed Conveyance	CLO-132826	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-23782	Outfall	Stream	Closed Conveyance	CLO-134532	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-23996	Outfall	Potential Wetland	Closed Conveyance	CLO-72940	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-23999	Outfall	Stream	Closed Conveyance	CLO-84971	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-24011	Outfall	Stream	Closed Conveyance	CLO-17465	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-24028	Outfall	Stream	Closed Conveyance	CLO-103742	Pipe	Pipe	24	0	0	0.00000000000	Plastic	No
LNK-24029	Outfall	Wetland	Closed Conveyance	CLO-114509	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-24386	Outfall	Stream	Closed Conveyance	CLO-132455	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-24395	Outfall	Wetland	Closed Conveyance	CLO-93909	Culvert	Round	24	0	0	0.00000000000	LCPE	No
LNK-24404	Outfall	Stream	Closed Conveyance	CLO-96596	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-24464	Outfall	Stream	Closed Conveyance	CLO-128247	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-24561	Outfall	Stream	Closed Conveyance	CLO-115182	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-24601	Outfall	Stream	Closed Conveyance	CLO-73538	Culvert	Round	18	0	0	0.00000000000	Concrete	None
LNK-24615	Outfall	Stream	Closed Conveyance	CLO-139388	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-24813	Outfall	Stream	Closed Conveyance	CLO-67486	Culvert	Round	24	0	0	0.00000000000	Concrete	None
LNK-24821	Outfall	Stream	Closed Conveyance	CLO-68430	Culvert	Round	12	0	0	0.00000000000	Plastic	No
LNK-24838	Outfall	Unknown	Closed Conveyance	CLO-109375	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-24839	Outfall	Stream	Closed Conveyance	CLO-126992	Pipe	Pipe	30	0	0	0.00000000000	RCP	No
LNK-24840	Outfall	Stream	Closed Conveyance	CLO-132779	Pipe	Pipe	24	0	0	0.00000000000	Metal	No
LNK-24854	Outfall	Stream	Closed Conveyance	CLO-137589	Culvert	Box	0	228	120	0.00000000000	Concrete	No
LNK-24855	Outfall	Stream	Closed Conveyance	CLO-92436	Culvert	Round	24	0	0	0.00000000000	CPEP	No
LNK-24863	Outfall	Stream	Closed Conveyance	CLO-128816	Pipe	Pipe	36	0	0	0.00000000000	Metal	Asphalt
LNK-24865	Outfall	Stream	Closed Conveyance	CLO-68384	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-24881	Outfall	Stream	Closed Conveyance	CLO-96296	Culvert	Round	24	0	0	0.00000000000	Concrete	No
LNK-24883	Outfall	Stream	Closed Conveyance	CLO-20577	Pipe	Pipe	24	0	0	0.00000000000	Concrete	No
LNK-24887	Outfall	Stream	Closed Conveyance	CLO-74875	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-24896	Outfall	Stream	Closed Conveyance	CLO-132733	Pipe	Pipe	12	0	0	0.00000000000	Plastic	No
LNK-24898	Outfall	Stream	Closed Conveyance	CLO-96340	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-24903	Outfall	Stream	Closed Conveyance	CLO-108183	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-24909	Outfall	Stream	Closed Conveyance	CLO-76145	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-24911	Outfall	Stream	Closed Conveyance	CLO-12444	Pipe	Pipe	24	0	0	0.00000000000	Plastic	No
LNK-24921	Outfall	Stream	Closed Conveyance	CLO-49708	Culvert	Round	0	0	0	0.00000000000		No
LNK-24923	Outfall	Potential Stream	Closed Conveyance	CLO-85384	Culvert	Round	0	0	0	0.00000000000		No
LNK-24926	Outfall	Stream	Closed Conveyance	CLO-141921	Culvert	Box	0	96	48	0.00000000000	Concrete	No
LNK-25351	Outfall	Stream	Closed Conveyance	CLO-78439	Culvert	Round	12	0	0	0.00000000000	Concrete	None
LNK-25563	Outfall	Wetland	Closed Conveyance	CLO-117685	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-25785	Outfall	Stream	Closed Conveyance	CLO-92318	Culvert	Round	15	0	0	0.00000000000	Plastic	No
LNK-26007	Outfall	Stream	Closed Conveyance	CLO-54927	Culvert	Squash	0	72	44	3.60000000000	Metal	No
LNK-26009	Outfall	Stream	Closed Conveyance	CLO-54928	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-26018	Outfall	Stream	Closed Conveyance	CLO-143034	Pipe	Pipe	8	0	0	0.00000000000	Plastic	No
LNK-26025	Outfall	Stream	Closed Conveyance	CLO-111875	Pipe	Pipe	12	0	0	0.00000000000	CPEP	No
LNK-26026	Outfall	Stream	Closed Conveyance	CLO-111878	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-26035	Outfall	Stream	Closed Conveyance	CLO-35624	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-26054	Outfall	Stream	Closed Conveyance	CLO-124170	Pipe	Pipe	30	0	0	0.00000000000	CPEP	No
LNK-26060	Outfall	Potential Wetland	Closed Conveyance	CLO-19740	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-26061	Outfall	Wetland	Closed Conveyance	CLO-144313	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-26073	Outfall	Stream	Closed Conveyance	CLO-20925	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-26075	Outfall	Stream	Closed Conveyance	CLO-79537	Culvert	Arch	0	18	24	0.00000000000	Metal	No
LNK-26076	Outfall	Stream	Closed Conveyance	CLO-21380	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-26079	Outfall	Stream	Closed Conveyance	CLO-21284	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-26120	Outfall	Stream	Closed Conveyance	CLO-136467	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-26139	Outfall	Stream	Closed Conveyance	CLO-17537	Pipe	Pipe	24	0	0	2.80000000000	Concrete	No
LNK-26161	Outfall	Wetland	Closed Conveyance	CLO-115700	Pipe	Pipe	12	0	0	0.00000000000	DI	No
LNK-26163	Outfall	Wetland	Closed Conveyance	CLO-115561	Pipe	Pipe	18	0	0	0.00000000000	CPEP	No
LNK-26164	Outfall	Wetland	Closed Conveyance	CLO-115560	Pipe	Pipe	18	0	0	0.00000000000	LCPE	No
LNK-26178	Outfall	Stream	Closed Conveyance	CLO-24831	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-26179	Outfall	Stream	Closed Conveyance	CLO-24463	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-26187	Outfall	Stream	Closed Conveyance	CLO-120511	Pipe	Pipe	8	0	0	0.00000000000	CPEP	No
LNK-26191	Outfall	Stream	Closed Conveyance	CLO-121356	Pipe	Pipe	6	0	0	0.00000000000	PVC	No
LNK-26192	Outfall	Stream	Closed Conveyance	CLO-143091	Pipe	Pipe	8	0	0	0.00000000000	CPEP	No
LNK-26197	Outfall	Stream	Closed Conveyance	CLO-112102	Pipe	Pipe	60	0	0	0.00000000000	Metal	No
LNK-26198	Outfall	Stream	Closed Conveyance	CLO-105934	Pipe	Pipe	18	0	0	0.00000000000	Plastic	No
LNK-26221	Outfall	Stream	Closed Conveyance	CLO-75115	Culvert	Round	24	0	0	0.00000000000	Concrete	None

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component	ComponentType	Diameter	Width	Height	PipeDepth	Material	Coating
LNK-26228	Outfall	Stream	Closed Conveyance	CLO-144472	Pipe	Pipe	12	0	0	0.00000000000	Concrete	No
LNK-26230	Outfall	Stream	Closed Conveyance	CLO-143173	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-26231	Outfall	Stream	Closed Conveyance	CLO-135189	Pipe	Pipe	12	0	0	0.00000000000		No
LNK-26306	Outfall	Stream	Closed Conveyance	CLO-91739	Culvert	Round	12	0	0	0.00000000000	Concrete	No
LNK-26317	Outfall	Stream	Closed Conveyance	CLO-45126	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-26401	Outfall	Stream	Closed Conveyance	CLO-121767	Culvert	Round	12	0	0	0.00000000000	LCPE	No
LNK-26435	Outfall	Stream	Closed Conveyance	CLO-132108	Culvert	Round	36	0	0	0.00000000000	Metal	Galvanized
LNK-26451	Outfall	Private	Closed Conveyance	CLO-56370	Pipe	Pipe	12	0	0	0.00000000000	LCPE	No
LNK-26456	Unverified	Potential Stream	Closed Conveyance	CLO-4743	Pipe	Pipe	15	0	0	0.00000000000	Metal	No
LNK-26464	Outfall	Stream	Closed Conveyance	CLO-84749	Culvert	Round	18	0	0	0.00000000000	Concrete	No
LNK-26496	Outfall	Stream	Closed Conveyance	CLO-32407	Pipe	Pipe	12	0	0	0.00000000000	Metal	No
LNK-26520	Outfall	Ground	Closed Conveyance	CLO-119369	Pipe	Pipe	12	0	0	0.00000000000	HDPE	No
LNK-26521	Outfall	Stream	Closed Conveyance	CLO-77793	Culvert	Round	12	0	0	0.00000000000	Metal	No
LNK-26541	Outfall	Potential Wetland	Closed Conveyance	CLO-49350	Pipe	Pipe	18	0	0	0.00000000000	Metal	No
LNK-26559	Outfall	Stream	Closed Conveyance	CLO-65719	Pipe	Pipe	21	0	0	0.00000000000	Concrete	No
LNK-26564	Outfall		Closed Conveyance	CLO-911	Pipe	Pipe	18	0	0	0.00000000000	Concrete	No
LNK-26566	Outfall	Wetland	Closed Conveyance	CLO-111843	Pipe	Pipe	12	0	0	0.00000000000	Metal	No

DBAssetID	LinkType	ToFrom	NEAR_FC	DBAssetID_	Component
LNK-10046	Outfall	Stream	Conv_DitchNaturalDrainage	DND-167	Ditch
LNK-10133	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-800	Ditch
LNK-6035	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-5968	Ditch
LNK-6254	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-4713	Ditch
LNK-6349	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-4686	Ditch
LNK-7174	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-2788	Ditch
LNK-6443	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3432	Ditch
LNK-6444	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3132	Ditch
LNK-6522	Outfall	Stream	Conv_DitchNaturalDrainage	DND-2984	Ditch
LNK-7149	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-4321	Ditch
LNK-5878	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7289	Ditch
LNK-5847	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-7039	Ditch
LNK-5844	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6917	Ditch
LNK-6929	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-6789	Ditch
LNK-6932	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-6932	Ditch
LNK-6933	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-6828	Ditch
LNK-6900	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-6603	Ditch
LNK-6944	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-44129	Ditch
LNK-6945	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-6946	Ditch
LNK-6946	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-6805	Ditch
LNK-6905	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-73952	Ditch
LNK-6547	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-6840	Ditch
LNK-5555	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13027	Ditch
LNK-964	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-14522	Ditch
LNK-968	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13614	Ditch
LNK-983	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14225	Ditch
LNK-5494	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-11708	Ditch
LNK-764	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-12817	Ditch
LNK-765	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-12774	Ditch
LNK-766	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-12818	Ditch
LNK-883	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-13838	Ditch
LNK-2825	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15784	Ditch
LNK-2831	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15783	Ditch
LNK-2842	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15913	Ditch
LNK-2850	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-15704	Ditch
LNK-4220	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16392	Ditch
LNK-4223	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-16068	Ditch
LNK-4224	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-16159	Ditch
LNK-4477	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20634	Ditch
LNK-4478	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20258	Ditch
LNK-4491	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20572	Ditch
LNK-4510	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71237	Ditch
LNK-4511	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20257	Ditch
LNK-4581	Outfall	Stream	Conv_DitchNaturalDrainage	DND-21668	Ditch
LNK-5696	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65442	Ditch
LNK-5700	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-16602	Ditch

LNK-5701	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16792	Ditch
LNK-5705	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16889	Ditch
LNK-5720	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-17075	Ditch
LNK-5722	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16707	Ditch
LNK-5723	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-65440	Ditch
LNK-5733	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16610	Ditch
LNK-5768	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17176	Ditch
LNK-5809	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17891	Ditch
LNK-5799	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-16811	Ditch
LNK-5819	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-17181	Ditch
LNK-5820	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17315	Ditch
LNK-5755	Outfall	Stream	Conv_DitchNaturalDrainage	DND-18018	Ditch
LNK-5815	Outfall	Stream	Conv_DitchNaturalDrainage	DND-18194	Ditch
LNK-5816	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17862	Ditch
LNK-5783	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-69838	Ditch
LNK-5775	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69839	Ditch
LNK-5780	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17973	Ditch
LNK-2292	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26953	Ditch
LNK-2281	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27042	Ditch
LNK-2250	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27136	Ditch
LNK-2251	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27308	Ditch
LNK-2230	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27003	Ditch
LNK-2224	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27093	Ditch
LNK-2472	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27404	Ditch
LNK-2478	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27378	Ditch
LNK-2507	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-26831	Ditch
LNK-2509	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27141	Ditch
LNK-2524	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27058	Ditch
LNK-2511	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-27048	Ditch
LNK-2513	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-26961	Ditch
LNK-2515	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-26789	Ditch
LNK-2516	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27406	Ditch
LNK-2468	Outfall	Stream	Conv_DitchNaturalDrainage	DND-28094	Ditch
LNK-2465	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27623	Ditch
LNK-2189	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27719	Ditch
LNK-2474	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-28097	Ditch
LNK-2187	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27912	Ditch
LNK-2387	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27635	Ditch
LNK-2388	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27866	Ditch
LNK-1749	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32835	Ditch
LNK-1004	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-13843	Ditch
LNK-6487	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74906	Ditch
LNK-439	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-15063	Ditch
LNK-1040	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74247	Ditch
LNK-856	Outfall	Stream	Conv_DitchNaturalDrainage	DND-36274	Ditch
LNK-1158	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-34798	Ditch
LNK-1180	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-35612	Ditch

LNK-556	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14737	Ditch
LNK-2343	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35609	Ditch
LNK-2345	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-35664	Ditch
LNK-2344	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-35664	Ditch
LNK-2313	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-26740	Ditch
LNK-2301	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75097	Ditch
LNK-2299	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74484	Ditch
LNK-2295	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75098	Ditch
LNK-2319	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27219	Ditch
LNK-2287	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75101	Ditch
LNK-2286	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75102	Ditch
LNK-2282	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27042	Ditch
LNK-2269	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27887	Ditch
LNK-2386	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27777	Ditch
LNK-2234	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75111	Ditch
LNK-2233	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75111	Ditch
LNK-2457	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27665	Ditch
LNK-2460	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27803	Ditch
LNK-2459	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27351	Ditch
LNK-2456	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27665	Ditch
LNK-2462	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27624	Ditch
LNK-2463	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27624	Ditch
LNK-2464	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27622	Ditch
LNK-2466	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-27622	Ditch
LNK-2469	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27762	Ditch
LNK-7751	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16698	Ditch
LNK-2473	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27625	Ditch
LNK-2832	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-15706	Ditch
LNK-2835	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16050	Ditch
LNK-2836	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-16186	Ditch
LNK-6820	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-69838	Ditch
LNK-5441	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6026	Ditch
LNK-4903	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16711	Ditch
LNK-6924	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-43994	Ditch
LNK-4904	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17253	Ditch
LNK-4028	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-18051	Ditch
LNK-3175	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1607	Ditch
LNK-2525	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27058	Ditch
LNK-4738	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17390	Ditch
LNK-4092	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-16288	Ditch
LNK-4104	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17430	Ditch
LNK-4959	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17181	Ditch
LNK-4150	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-17056	Ditch
LNK-4296	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1856	Ditch
LNK-4301	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1066	Ditch
LNK-4302	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42639	Ditch
LNK-4305	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1603	Ditch

LNK-5028	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-42259	Ditch
LNK-4307	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42638	Ditch
LNK-4306	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1604	Ditch
LNK-4308	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42632	Ditch
LNK-4280	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1516	Ditch
LNK-4178	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16819	Ditch
LNK-4126	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-16025	Ditch
LNK-4747	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17045	Ditch
LNK-3732	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-42123	Ditch
LNK-3733	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-43990	Ditch
LNK-3734	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-42124	Ditch
LNK-3697	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42117	Ditch
LNK-3347	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74470	Ditch
LNK-3735	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-43990	Ditch
LNK-3345	Outfall	Stream	Conv_DitchNaturalDrainage	DND-842	Ditch
LNK-3344	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1432	Ditch
LNK-4786	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42945	Ditch
LNK-3736	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-75676	Ditch
LNK-3353	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1789	Ditch
LNK-3338	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1429	Ditch
LNK-3780	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-75666	Ditch
LNK-3737	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1860	Ditch
LNK-3779	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-75666	Ditch
LNK-3778	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-75666	Ditch
LNK-4194	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17320	Ditch
LNK-4791	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42923	Ditch
LNK-3308	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-2624	Ditch
LNK-3777	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1827	Ditch
LNK-3776	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-75666	Ditch
LNK-3309	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42144	Ditch
LNK-4964	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-43037	Ditch
LNK-4963	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-43038	Ditch
LNK-3351	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42142	Ditch
LNK-4200	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74413	Ditch
LNK-4965	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-43053	Ditch
LNK-3311	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42146	Ditch
LNK-3769	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75673	Ditch
LNK-4205	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16866	Ditch
LNK-4787	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-43054	Ditch
LNK-3693	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-42106	Ditch
LNK-3691	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1039	Ditch
LNK-3692	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1039	Ditch
LNK-4966	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1250	Ditch
LNK-4788	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-43065	Ditch
LNK-4206	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16910	Ditch
LNK-4207	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16910	Ditch
LNK-4208	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-16910	Ditch

LNK-3685	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-42102	Ditch
LNK-3690	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1235	Ditch
LNK-3686	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1235	Ditch
LNK-3687	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74378	Ditch
LNK-3688	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1443	Ditch
LNK-3781	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1443	Ditch
LNK-4214	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-17414	Ditch
LNK-4216	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-16768	Ditch
LNK-4217	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75599	Ditch
LNK-3782	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-42098	Ditch
LNK-3803	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74677	Ditch
LNK-3792	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-42093	Ditch
LNK-3791	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-42094	Ditch
LNK-3805	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74678	Ditch
LNK-3797	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42080	Ditch
LNK-3799	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42078	Ditch
LNK-3806	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74680	Ditch
LNK-3807	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74679	Ditch
LNK-3801	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1339	Ditch
LNK-3802	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-42083	Ditch
LNK-3809	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-74684	Ditch
LNK-3796	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1114	Ditch
LNK-3795	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1114	Ditch
LNK-3794	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1115	Ditch
LNK-3793	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1114	Ditch
LNK-3812	Outfall	Unverified Outfall	Conv_DitchNaturalDrainage	DND-74685	Ditch
LNK-3814	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74686	Ditch
LNK-3947	Outfall	Unverified Outfall	Conv_DitchNaturalDrainage	DND-74689	Ditch
LNK-3957	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-75642	Ditch
LNK-3980	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-41992	Ditch
LNK-3958	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-75643	Ditch
LNK-3952	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-74692	Ditch
LNK-3978	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1868	Ditch
LNK-3953	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74657	Ditch
LNK-3954	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74656	Ditch
LNK-3959	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75644	Ditch
LNK-3960	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75645	Ditch
LNK-3977	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1869	Ditch
LNK-3989	Outfall	Stream	Conv_DitchNaturalDrainage	DND-41237	Ditch
LNK-3982	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1769	Ditch
LNK-3976	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1769	Ditch
LNK-3984	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-41981	Ditch
LNK-3986	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1539	Ditch
LNK-3985	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1540	Ditch
LNK-3893	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-38487	Ditch
LNK-3894	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-38488	Ditch
LNK-3895	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-2033	Ditch

LNK-3991	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1894	Ditch
LNK-3896	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-866	Ditch
LNK-3992	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38482	Ditch
LNK-3898	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38491	Ditch
LNK-3993	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1897	Ditch
LNK-3900	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38493	Ditch
LNK-3899	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38492	Ditch
LNK-3901	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38494	Ditch
LNK-2441	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38456	Ditch
LNK-3903	Outfall	Stream	Conv_DitchNaturalDrainage	DND-38499	Ditch
LNK-2442	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38455	Ditch
LNK-3857	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38455	Ditch
LNK-3871	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1688	Ditch
LNK-3870	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1688	Ditch
LNK-3859	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1878	Ditch
LNK-3863	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1879	Ditch
LNK-3865	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74522	Ditch
LNK-3864	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1879	Ditch
LNK-3860	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74379	Ditch
LNK-3862	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1879	Ditch
LNK-3872	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1688	Ditch
LNK-4000	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38467	Ditch
LNK-3876	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-38396	Ditch
LNK-3918	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-41228	Ditch
LNK-3924	Outfall	Stream	Conv_DitchNaturalDrainage	DND-41204	Ditch
LNK-3917	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-41225	Ditch
LNK-3925	Outfall	Stream	Conv_DitchNaturalDrainage	DND-40036	Ditch
LNK-3877	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1648	Ditch
LNK-3905	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-834	Ditch
LNK-3878	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1648	Ditch
LNK-3906	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-834	Ditch
LNK-3916	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-41220	Ditch
LNK-3921	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1461	Ditch
LNK-3920	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1224	Ditch
LNK-3908	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1157	Ditch
LNK-3879	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1648	Ditch
LNK-3915	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38519	Ditch
LNK-3911	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-38516	Ditch
LNK-3913	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1485	Ditch
LNK-3914	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-1486	Ditch
LNK-3912	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-38515	Ditch
LNK-3909	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1876	Ditch
LNK-3997	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-38473	Ditch
LNK-3910	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1876	Ditch
LNK-3881	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1648	Ditch
LNK-3927	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-41262	Ditch
LNK-3996	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-38474	Ditch

LNK-3880	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1648	Ditch
LNK-3882	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38394	Ditch
LNK-3883	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38394	Ditch
LNK-3994	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1788	Ditch
LNK-3884	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38394	Ditch
LNK-3928	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-40605	Ditch
LNK-3929	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1087	Ditch
LNK-3933	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-40250	Ditch
LNK-3931	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-40600	Ditch
LNK-3932	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1102	Ditch
LNK-8617	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-14214	Ditch
LNK-8626	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-14403	Ditch
LNK-8629	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-14224	Ditch
LNK-8632	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-14586	Ditch
LNK-8772	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-12864	Ditch
LNK-8796	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74100	Ditch
LNK-8798	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-26956	Ditch
LNK-8802	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27303	Ditch
LNK-8803	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27705	Ditch
LNK-8821	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-28194	Ditch
LNK-8830	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27540	Ditch
LNK-8843	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-7343	Ditch
LNK-8850	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-65415	Ditch
LNK-8871	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-27902	Ditch
LNK-8889	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-75119	Ditch
LNK-8892	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16935	Ditch
LNK-8898	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17580	Ditch
LNK-8952	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-16050	Ditch
LNK-8959	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17679	Ditch
LNK-8982	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-15755	Ditch
LNK-8997	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17718	Ditch
LNK-9016	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-5999	Ditch
LNK-9024	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5901	Ditch
LNK-9048	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-11816	Ditch
LNK-9052	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6699	Ditch
LNK-9054	Outfall	Stream	Conv_DitchNaturalDrainage	DND-18534	Ditch
LNK-9056	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6483	Ditch
LNK-9060	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6895	Ditch
LNK-9093	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17866	Ditch
LNK-9108	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73867	Ditch
LNK-9117	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17966	Ditch
LNK-9118	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-18098	Ditch
LNK-9123	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6436	Ditch
LNK-9155	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-26876	Ditch
LNK-9156	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-26830	Ditch
LNK-9157	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-26960	Ditch
LNK-9159	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-65377	Ditch

LNK-9188	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75654	Ditch
LNK-9199	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17566	Ditch
LNK-9205	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15927	Ditch
LNK-9318	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6060	Ditch
LNK-9338	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17001	Ditch
LNK-9339	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16669	Ditch
LNK-9344	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-17314	Ditch
LNK-9362	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6269	Ditch
LNK-9363	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6035	Ditch
LNK-9370	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17295	Ditch
LNK-9371	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17169	Ditch
LNK-9373	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17294	Ditch
LNK-9494	Outfall	Unverified Outfall	Conv_DitchNaturalDrainage	DND-16910	Ditch
LNK-9741	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6760	Ditch
LNK-4193	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17459	Ditch
LNK-6825	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17581	Ditch
LNK-4690	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17040	Ditch
LNK-4692	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-5860	Ditch
LNK-5002	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16789	Ditch
LNK-5003	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16460	Ditch
LNK-4905	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6488	Ditch
LNK-2492	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-5805	Ditch
LNK-2494	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-5947	Ditch
LNK-2493	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-5834	Ditch
LNK-2496	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-5804	Ditch
LNK-4908	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16601	Ditch
LNK-4723	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16262	Ditch
LNK-4097	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17701	Ditch
LNK-7616	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6279	Ditch
LNK-4156	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17462	Ditch
LNK-11062	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-6101	Ditch
LNK-4179	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17009	Ditch
LNK-4125	Outfall	Lake	Conv_DitchNaturalDrainage	DND-43489	Ditch
LNK-4748	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17045	Ditch
LNK-4749	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17059	Ditch
LNK-7561	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-6128	Ditch
LNK-6735	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6113	Ditch
LNK-4192	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17368	Ditch
LNK-4195	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17142	Ditch
LNK-4201	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17052	Ditch
LNK-4218	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16958	Ditch
LNK-6747	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5931	Ditch
LNK-10688	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-74820	Ditch
LNK-12747	Outfall	Stream	Conv_DitchNaturalDrainage	DND-66679	Ditch
LNK-12748	Outfall	Stream	Conv_DitchNaturalDrainage	DND-66679	Ditch
LNK-14187	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-68446	Ditch
LNK-17247	Outfall	Stream	Conv_DitchNaturalDrainage	DND-70492	Ditch

LNK-19314	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-71447	Ditch
LNK-19316	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-1566	Ditch
LNK-19317	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-42157	Ditch
LNK-19551	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1052	Ditch
LNK-19579	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-71245	Ditch
LNK-19580	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-71247	Ditch
LNK-19581	Outfall	Stream	Conv_DitchNaturalDrainage	DND-42164	Ditch
LNK-19582	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71449	Ditch
LNK-19615	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-897	Ditch
LNK-19616	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-1241	Ditch
LNK-20171	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6320	Ditch
LNK-21244	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5597	Ditch
LNK-21254	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5519	Ditch
LNK-21315	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3784	Ditch
LNK-21316	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5438	Ditch
LNK-21850	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69525	Ditch
LNK-22461	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35057	Ditch
LNK-22462	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35221	Ditch
LNK-22919	Outfall	Stream	Conv_DitchNaturalDrainage	DND-2600	Ditch
LNK-22920	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1623	Ditch
LNK-22927	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17112	Ditch
LNK-22973	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-3312	Ditch
LNK-23250	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73798	Ditch
LNK-23251	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73800	Ditch
LNK-23252	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73810	Ditch
LNK-23253	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73799	Ditch
LNK-23254	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73838	Ditch
LNK-23255	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73826	Ditch
LNK-23257	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73783	Ditch
LNK-23258	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73784	Ditch
LNK-23259	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73782	Ditch
LNK-23262	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73811	Ditch
LNK-23263	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73813	Ditch
LNK-23264	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73812	Ditch
LNK-23269	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73789	Ditch
LNK-23270	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73791	Ditch
LNK-23273	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73845	Ditch
LNK-23274	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73814	Ditch
LNK-23276	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73855	Ditch
LNK-23277	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73853	Ditch
LNK-23438	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73866	Ditch
LNK-23439	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73863	Ditch
LNK-23773	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73187	Ditch
LNK-24313	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74087	Ditch
LNK-24314	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74092	Ditch
LNK-24379	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74251	Ditch
LNK-24669	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74219	Ditch

LNK-24778	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13257	Ditch
LNK-24799	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3136	Ditch
LNK-24800	Outfall	Stream	Conv_DitchNaturalDrainage	DND-2983	Ditch
LNK-24807	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5150	Ditch
LNK-24815	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6946	Ditch
LNK-24837	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17510	Ditch
LNK-24842	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6510	Ditch
LNK-24851	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17615	Ditch
LNK-24859	Outfall	Stream	Conv_DitchNaturalDrainage	DND-38495	Ditch
LNK-24860	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1254	Ditch
LNK-24868	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4226	Ditch
LNK-24869	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4200	Ditch
LNK-24870	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6990	Ditch
LNK-24871	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6040	Ditch
LNK-24877	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27326	Ditch
LNK-24878	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27597	Ditch
LNK-24879	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17520	Ditch
LNK-24880	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74967	Ditch
LNK-24914	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27628	Ditch
LNK-24915	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27769	Ditch
LNK-24917	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-2506	Ditch
LNK-24918	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4129	Ditch
LNK-24930	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-16390	Ditch
LNK-24938	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73867	Ditch
LNK-24940	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-6082	Ditch
LNK-24941	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-5933	Ditch
LNK-24942	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-75666	Ditch
LNK-24943	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-42104	Ditch
LNK-24947	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4476	Ditch
LNK-24951	Outfall	Stream	Conv_DitchNaturalDrainage	DND-41414	Ditch
LNK-24952	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73865	Ditch
LNK-24953	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7161	Ditch
LNK-24966	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35389	Ditch
LNK-24970	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71512	Ditch
LNK-25303	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6384	Ditch
LNK-25304	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6453	Ditch
LNK-26024	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-4822	Ditch
LNK-26074	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27790	Ditch
LNK-26327	Outfall	Stream	Conv_DitchNaturalDrainage	DND-44232	Ditch
LNK-26492	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14266	Ditch
LNK-26493	Outfall	Stream	Conv_DitchNaturalDrainage	DND-36255	Ditch
LNK-26494	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-36838	Ditch
LNK-26497	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-75471	Ditch
LNK-26529	Outfall	Stream	Conv_DitchNaturalDrainage	DND-18480	Ditch
LNK-26567	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75578	Ditch
LNK-26569	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71789	Ditch
LNK-26571	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71714	Ditch

LNK-26576	Outfall	Stream	Conv_DitchNaturalDrainage	DND-2483	Ditch
LNK-10040	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71989	Ditch
LNK-10078	Outfall	Stream	Conv_DitchNaturalDrainage	DND-618	Ditch
LNK-10007	Outfall	Stream	Conv_DitchNaturalDrainage	DND-213	Ditch
LNK-5627	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3280	Ditch
LNK-5629	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5039	Ditch
LNK-5639	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73044	Ditch
LNK-6046	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-3013	Ditch
LNK-6076	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6046	Ditch
LNK-6088	Outfall	Stream	Conv_DitchNaturalDrainage	DND-72921	Ditch
LNK-6089	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-5770	Ditch
LNK-6130	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-3572	Ditch
LNK-6214	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-5638	Ditch
LNK-6215	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-74507	Ditch
LNK-6216	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-4987	Ditch
LNK-6223	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-72773	Ditch
LNK-6243	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-5605	Ditch
LNK-6244	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-5605	Ditch
LNK-6267	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73103	Ditch
LNK-6274	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-75567	Ditch
LNK-6277	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-75572	Ditch
LNK-6278	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-75570	Ditch
LNK-6302	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3239	Ditch
LNK-6303	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-74942	Ditch
LNK-6328	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4758	Ditch
LNK-7198	Outfall	Stream	Conv_DitchNaturalDrainage	DND-2422	Ditch
LNK-7200	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-4377	Ditch
LNK-7207	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-2213	Ditch
LNK-7214	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74865	Ditch
LNK-8353	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-4278	Ditch
LNK-8357	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-74957	Ditch
LNK-8361	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73610	Ditch
LNK-6511	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-4494	Ditch
LNK-6512	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-4171	Ditch
LNK-6518	Outfall	Stream	Conv_DitchNaturalDrainage	DND-2170	Ditch
LNK-6989	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4745	Ditch
LNK-6990	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4746	Ditch
LNK-6991	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4510	Ditch
LNK-5855	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7172	Ditch
LNK-5856	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7248	Ditch
LNK-5865	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-7525	Ditch
LNK-5849	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73226	Ditch
LNK-6911	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74358	Ditch
LNK-6912	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65348	Ditch
LNK-7695	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-71755	Ditch
LNK-7706	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-71722	Ditch
LNK-1996	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15526	Ditch

LNK-1998	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73493	Ditch
LNK-1999	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8938	Ditch
LNK-2016	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9198	Ditch
LNK-2017	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9289	Ditch
LNK-2141	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74701	Ditch
LNK-2143	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74700	Ditch
LNK-2202	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9597	Ditch
LNK-2556	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10950	Ditch
LNK-2945	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-10587	Ditch
LNK-2955	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10855	Ditch
LNK-3024	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10405	Ditch
LNK-3049	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11107	Ditch
LNK-3050	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11383	Ditch
LNK-3051	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10887	Ditch
LNK-3052	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10979	Ditch
LNK-3071	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-9444	Ditch
LNK-3077	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-9038	Ditch
LNK-3078	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-9400	Ditch
LNK-173	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-13249	Ditch
LNK-532	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75506	Ditch
LNK-48	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13239	Ditch
LNK-578	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13677	Ditch
LNK-688	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14162	Ditch
LNK-691	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13894	Ditch
LNK-830	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13836	Ditch
LNK-863	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-14566	Ditch
LNK-886	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14702	Ditch
LNK-887	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-14845	Ditch
LNK-889	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-13482	Ditch
LNK-890	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-13621	Ditch
LNK-891	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13441	Ditch
LNK-912	Outfall	Stream	Conv_DitchNaturalDrainage	DND-12398	Ditch
LNK-944	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14758	Ditch
LNK-947	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14664	Ditch
LNK-951	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14976	Ditch
LNK-5473	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-11426	Ditch
LNK-5475	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-11919	Ditch
LNK-5476	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11333	Ditch
LNK-5488	Outfall	Ground	Conv_DitchNaturalDrainage	DND-11797	Ditch
LNK-5500	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11982	Ditch
LNK-5503	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-11847	Ditch
LNK-5539	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-11992	Ditch
LNK-5530	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-12315	Ditch
LNK-5531	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-12131	Ditch
LNK-740	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-13113	Ditch
LNK-1897	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8777	Ditch
LNK-1899	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8687	Ditch

LNK-1901	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8959	Ditch
LNK-1902	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8867	Ditch
LNK-1904	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8960	Ditch
LNK-1905	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-9048	Ditch
LNK-2650	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-73555	Ditch
LNK-2658	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-15591	Ditch
LNK-2749	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15917	Ditch
LNK-2763	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-74892	Ditch
LNK-2764	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-74891	Ditch
LNK-2777	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75406	Ditch
LNK-2778	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16032	Ditch
LNK-2779	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15624	Ditch
LNK-2785	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15949	Ditch
LNK-2786	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15886	Ditch
LNK-2794	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-15814	Ditch
LNK-2871	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15846	Ditch
LNK-1009	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-36420	Ditch
LNK-1010	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-36076	Ditch
LNK-1011	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-36719	Ditch
LNK-1013	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74120	Ditch
LNK-1015	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-36165	Ditch
LNK-1017	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71270	Ditch
LNK-1028	Outfall	Stream	Conv_DitchNaturalDrainage	DND-36073	Ditch
LNK-4225	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15931	Ditch
LNK-4455	Outfall	Stream	Conv_DitchNaturalDrainage	DND-212	Ditch
LNK-4505	Outfall	Stream	Conv_DitchNaturalDrainage	DND-19847	Ditch
LNK-4506	Outfall	Stream	Conv_DitchNaturalDrainage	DND-44257	Ditch
LNK-4512	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-20215	Ditch
LNK-4513	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71599	Ditch
LNK-4522	Outfall	Stream	Conv_DitchNaturalDrainage	DND-19760	Ditch
LNK-4523	Outfall	Stream	Conv_DitchNaturalDrainage	DND-68291	Ditch
LNK-4524	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20218	Ditch
LNK-4544	Outfall	Stream	Conv_DitchNaturalDrainage	DND-18795	Ditch
LNK-4547	Outfall	Stream	Conv_DitchNaturalDrainage	DND-44156	Ditch
LNK-4558	Outfall	Stream	Conv_DitchNaturalDrainage	DND-18509	Ditch
LNK-4569	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-18758	Ditch
LNK-4601	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-19420	Ditch
LNK-4608	Outfall	Stream	Conv_DitchNaturalDrainage	DND-19964	Ditch
LNK-4609	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20235	Ditch
LNK-4612	Outfall	Stream	Conv_DitchNaturalDrainage	DND-44051	Ditch
LNK-4614	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20121	Ditch
LNK-4624	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71104	Ditch
LNK-4625	Outfall	Stream	Conv_DitchNaturalDrainage	DND-44169	Ditch
LNK-5408	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-21712	Ditch
LNK-5433	Outfall	Stream	Conv_DitchNaturalDrainage	DND-18956	Ditch
LNK-5901	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24500	Ditch
LNK-5787	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17762	Ditch

LNK-5788	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16927	Ditch
LNK-5785	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-17350	Ditch
LNK-5690	Outfall	Stream	Conv_DitchNaturalDrainage	DND-44012	Ditch
LNK-5702	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16700	Ditch
LNK-5710	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-16890	Ditch
LNK-5711	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-17073	Ditch
LNK-5719	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17278	Ditch
LNK-5729	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17126	Ditch
LNK-5731	Outfall	Lake	Conv_DitchNaturalDrainage	DND-16803	Ditch
LNK-5743	Unverified	Unverified Connection	Conv_DitchNaturalDrainage	DND-16758	Ditch
LNK-5744	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17173	Ditch
LNK-5745	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16805	Ditch
LNK-5751	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16605	Ditch
LNK-5764	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16943	Ditch
LNK-5792	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-16762	Ditch
LNK-5793	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-16569	Ditch
LNK-5794	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-17133	Ditch
LNK-5773	Outfall	Stream	Conv_DitchNaturalDrainage	DND-18577	Ditch
LNK-5778	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17877	Ditch
LNK-7016	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71280	Ditch
LNK-7051	Outfall	Stream	Conv_DitchNaturalDrainage	DND-66147	Ditch
LNK-1684	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24364	Ditch
LNK-1687	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24752	Ditch
LNK-1689	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24607	Ditch
LNK-1688	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24936	Ditch
LNK-1889	Outfall	Stream	Conv_DitchNaturalDrainage	DND-46067	Ditch
LNK-2337	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26913	Ditch
LNK-4343	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27284	Ditch
LNK-2681	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27153	Ditch
LNK-2684	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26886	Ditch
LNK-2682	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27594	Ditch
LNK-7434	Unverified	Stream	Conv_DitchNaturalDrainage	DND-43281	Ditch
LNK-7401	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-30034	Ditch
LNK-7423	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69577	Ditch
LNK-1752	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32924	Ditch
LNK-1753	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32614	Ditch
LNK-1761	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32615	Ditch
LNK-1758	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32429	Ditch
LNK-1804	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32435	Ditch
LNK-1807	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74901	Ditch
LNK-1199	Outfall	Stream	Conv_DitchNaturalDrainage	DND-33033	Ditch
LNK-1274	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-33725	Ditch
LNK-1203	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73454	Ditch
LNK-1204	Outfall	Stream	Conv_DitchNaturalDrainage	DND-33674	Ditch
LNK-1150	Outfall	Stream	Conv_DitchNaturalDrainage	DND-34975	Ditch
LNK-2182	Outfall	Stream	Conv_DitchNaturalDrainage	DND-34979	Ditch
LNK-2952	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73975	Ditch

LNK-2369	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10076	Ditch
LNK-1627	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74059	Ditch
LNK-1895	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-43949	Ditch
LNK-3152	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43485	Ditch
LNK-3150	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43462	Ditch
LNK-3267	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73503	Ditch
LNK-2038	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75553	Ditch
LNK-1540	Unverified	Stream	Conv_DitchNaturalDrainage	DND-37214	Ditch
LNK-1530	Outfall	Stream	Conv_DitchNaturalDrainage	DND-36491	Ditch
LNK-1528	Outfall	Stream	Conv_DitchNaturalDrainage	DND-36549	Ditch
LNK-1497	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-35734	Ditch
LNK-1525	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36967	Ditch
LNK-1524	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36490	Ditch
LNK-1501	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-35867	Ditch
LNK-1503	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-35752	Ditch
LNK-1504	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-35975	Ditch
LNK-1521	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36550	Ditch
LNK-1597	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-35568	Ditch
LNK-1519	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36729	Ditch
LNK-1489	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-66993	Ditch
LNK-1374	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-37747	Ditch
LNK-1518	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36968	Ditch
LNK-1809	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74475	Ditch
LNK-1514	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-37085	Ditch
LNK-1488	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-37037	Ditch
LNK-1509	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36675	Ditch
LNK-1508	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-37166	Ditch
LNK-1599	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36555	Ditch
LNK-1600	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-37204	Ditch
LNK-1601	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36497	Ditch
LNK-1603	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36767	Ditch
LNK-1602	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36767	Ditch
LNK-1605	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36713	Ditch
LNK-1513	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-36832	Ditch
LNK-1474	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-37889	Ditch
LNK-1359	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75214	Ditch
LNK-1355	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-69455	Ditch
LNK-1384	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-37243	Ditch
LNK-1351	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38452	Ditch
LNK-1350	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38453	Ditch
LNK-1456	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-37477	Ditch
LNK-1457	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38139	Ditch
LNK-3534	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-73222	Ditch
LNK-1760	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75556	Ditch
LNK-1756	Outfall	Stream	Conv_DitchNaturalDrainage	DND-44087	Ditch
LNK-1233	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-35636	Ditch
LNK-1234	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-36210	Ditch

LNK-1235	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-36094	Ditch
LNK-1343	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-38691	Ditch
LNK-3593	Outfall	Stream	Conv_DitchNaturalDrainage	DND-38842	Ditch
LNK-3546	Outfall	Stream	Conv_DitchNaturalDrainage	DND-39022	Ditch
LNK-1236	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-35906	Ditch
LNK-1237	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-35460	Ditch
LNK-1285	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-39766	Ditch
LNK-1322	Outfall	Stream	Conv_DitchNaturalDrainage	DND-38811	Ditch
LNK-1286	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-67279	Ditch
LNK-7674	Outfall	Stream	Conv_DitchNaturalDrainage	DND-72606	Ditch
LNK-3583	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73273	Ditch
LNK-3856	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-72708	Ditch
LNK-3585	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43436	Ditch
LNK-4339	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27453	Ditch
LNK-2672	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27154	Ditch
LNK-2677	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27499	Ditch
LNK-2685	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27452	Ditch
LNK-6495	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74568	Ditch
LNK-903	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14474	Ditch
LNK-860	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13483	Ditch
LNK-1171	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35232	Ditch
LNK-540	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-14370	Ditch
LNK-2083	Outfall	Stream	Conv_DitchNaturalDrainage	DND-36169	Ditch
LNK-384	Outfall	Stream	Conv_DitchNaturalDrainage	DND-40056	Ditch
LNK-2085	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35903	Ditch
LNK-2086	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35685	Ditch
LNK-2089	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-36959	Ditch
LNK-2088	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-35278	Ditch
LNK-2091	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-36906	Ditch
LNK-2098	Outfall	Stream	Conv_DitchNaturalDrainage	DND-37077	Ditch
LNK-2097	Outfall	Stream	Conv_DitchNaturalDrainage	DND-36374	Ditch
LNK-2168	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-73533	Ditch
LNK-1195	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-32813	Ditch
LNK-758	Unverified	Private	Conv_DitchNaturalDrainage	DND-20755	Ditch
LNK-99	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1866	Ditch
LNK-2178	Outfall	Lake	Conv_DitchNaturalDrainage	DND-68941	Ditch
LNK-170	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-68018	Ditch
LNK-172	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-68063	Ditch
LNK-7046	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-65232	Ditch
LNK-7035	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65930	Ditch
LNK-2662	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16369	Ditch
LNK-7034	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65936	Ditch
LNK-2653	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-15768	Ditch
LNK-2618	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-8100	Ditch
LNK-6663	Outfall	Stream	Conv_DitchNaturalDrainage	DND-72091	Ditch
LNK-3181	Outfall	Stream	Conv_DitchNaturalDrainage	DND-38268	Ditch
LNK-3182	Outfall	Stream	Conv_DitchNaturalDrainage	DND-38265	Ditch

LNK-3192	Outfall	Stream	Conv_DitchNaturalDrainage	DND-41422	Ditch
LNK-4732	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75390	Ditch
LNK-4734	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16771	Ditch
LNK-4735	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16166	Ditch
LNK-4736	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17210	Ditch
LNK-4090	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-16288	Ditch
LNK-4087	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-17309	Ditch
LNK-4070	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16430	Ditch
LNK-4069	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17475	Ditch
LNK-3669	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-1955	Ditch
LNK-4295	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1856	Ditch
LNK-4294	Outfall	Stream	Conv_DitchNaturalDrainage	DND-42257	Ditch
LNK-4802	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74028	Ditch
LNK-4799	Outfall	Stream	Conv_DitchNaturalDrainage	DND-66637	Ditch
LNK-4171	Outfall	Stream	Conv_DitchNaturalDrainage	DND-44141	Ditch
LNK-4765	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69263	Ditch
LNK-4895	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17237	Ditch
LNK-4286	Outfall	Stream	Conv_DitchNaturalDrainage	DND-42203	Ditch
LNK-4285	Outfall	Stream	Conv_DitchNaturalDrainage	DND-42204	Ditch
LNK-4284	Outfall	Stream	Conv_DitchNaturalDrainage	DND-42205	Ditch
LNK-4842	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-41478	Ditch
LNK-4879	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73328	Ditch
LNK-4198	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-17186	Ditch
LNK-4209	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75600	Ditch
LNK-4376	Outfall	Stream	Conv_DitchNaturalDrainage	DND-70470	Ditch
LNK-3967	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-38284	Ditch
LNK-3891	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-1649	Ditch
LNK-3892	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-38391	Ditch
LNK-9940	Outfall	Stream	Conv_DitchNaturalDrainage	DND-67781	Ditch
LNK-8447	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26265	Ditch
LNK-8572	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32293	Ditch
LNK-8585	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32889	Ditch
LNK-8586	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32834	Ditch
LNK-8645	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8522	Ditch
LNK-8653	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27231	Ditch
LNK-8660	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14263	Ditch
LNK-8677	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-8375	Ditch
LNK-8707	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8458	Ditch
LNK-8708	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8271	Ditch
LNK-8711	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7693	Ditch
LNK-8716	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-14999	Ditch
LNK-8741	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-5041	Ditch
LNK-8751	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13075	Ditch
LNK-8778	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26735	Ditch
LNK-8781	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27041	Ditch
LNK-8793	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35185	Ditch
LNK-8823	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-15545	Ditch

LNK-8824	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-73627	Ditch
LNK-8832	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-8007	Ditch
LNK-8833	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-8001	Ditch
LNK-8842	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15632	Ditch
LNK-8881	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7476	Ditch
LNK-8921	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17720	Ditch
LNK-8932	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17495	Ditch
LNK-8977	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17946	Ditch
LNK-8991	Unverified	Unverified Outfall	Conv_DitchNaturalDrainage	DND-15905	Ditch
LNK-9102	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-75513	Ditch
LNK-9242	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73612	Ditch
LNK-9256	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17695	Ditch
LNK-9257	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16968	Ditch
LNK-9274	Outfall	Stream	Conv_DitchNaturalDrainage	DND-31352	Ditch
LNK-9315	Outfall	Stream	Conv_DitchNaturalDrainage	DND-31094	Ditch
LNK-9326	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69913	Ditch
LNK-9374	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74893	Ditch
LNK-9410	Outfall	Stream	Conv_DitchNaturalDrainage	DND-28355	Ditch
LNK-9412	Outfall	Stream	Conv_DitchNaturalDrainage	DND-28462	Ditch
LNK-9474	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-28688	Ditch
LNK-9542	Outfall	Stream	Conv_DitchNaturalDrainage	DND-29410	Ditch
LNK-9579	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43199	Ditch
LNK-9584	Outfall	Stream	Conv_DitchNaturalDrainage	DND-29751	Ditch
LNK-9596	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6510	Ditch
LNK-9605	Outfall	Stream	Conv_DitchNaturalDrainage	DND-29506	Ditch
LNK-9609	Outfall	Stream	Conv_DitchNaturalDrainage	DND-30451	Ditch
LNK-9615	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5750	Ditch
LNK-9664	Outfall	Stream	Conv_DitchNaturalDrainage	DND-29273	Ditch
LNK-9666	Outfall	Stream	Conv_DitchNaturalDrainage	DND-29039	Ditch
LNK-9675	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-30422	Ditch
LNK-9707	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32596	Ditch
LNK-9709	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-28432	Ditch
LNK-9713	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-32186	Ditch
LNK-9715	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-32361	Ditch
LNK-9726	Outfall	Stream	Conv_DitchNaturalDrainage	DND-29012	Ditch
LNK-9734	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32506	Ditch
LNK-9743	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32044	Ditch
LNK-9751	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32178	Ditch
LNK-9752	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32450	Ditch
LNK-9795	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32495	Ditch
LNK-9796	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32226	Ditch
LNK-9799	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32507	Ditch
LNK-9800	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32690	Ditch
LNK-9805	Outfall	Stream	Conv_DitchNaturalDrainage	DND-31917	Ditch
LNK-9816	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-28626	Ditch
LNK-9834	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8742	Ditch
LNK-9873	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16352	Ditch

LNK-9874	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-17568	Ditch
LNK-2335	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26824	Ditch
LNK-2664	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15919	Ditch
LNK-2599	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-7546	Ditch
LNK-2598	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-7	Ditch
LNK-2594	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-7304	Ditch
LNK-4730	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16634	Ditch
LNK-4729	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17621	Ditch
LNK-4715	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16400	Ditch
LNK-4714	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16812	Ditch
LNK-4713	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16258	Ditch
LNK-4712	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16347	Ditch
LNK-4722	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16405	Ditch
LNK-7754	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-7408	Ditch
LNK-4909	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69480	Ditch
LNK-4086	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-75543	Ditch
LNK-4138	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74474	Ditch
LNK-4137	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7576	Ditch
LNK-4169	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17230	Ditch
LNK-4170	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16913	Ditch
LNK-4172	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74473	Ditch
LNK-4897	Unverified	Unknown	Conv_DitchNaturalDrainage	DND-16518	Ditch
LNK-4181	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16249	Ditch
LNK-4184	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17416	Ditch
LNK-7752	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16848	Ditch
LNK-6753	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5885	Ditch
LNK-10383	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75024	Ditch
LNK-10402	Outfall	Stream	Conv_DitchNaturalDrainage	DND-68016	Ditch
LNK-10474	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43324	Ditch
LNK-10475	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43333	Ditch
LNK-10480	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43341	Ditch
LNK-10490	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43357	Ditch
LNK-10491	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43395	Ditch
LNK-10501	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6164	Ditch
LNK-10502	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6432	Ditch
LNK-10503	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6738	Ditch
LNK-10504	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6739	Ditch
LNK-10505	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6499	Ditch
LNK-10506	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6312	Ditch
LNK-10507	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6098	Ditch
LNK-10508	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6179	Ditch
LNK-10510	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6440	Ditch
LNK-10511	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6416	Ditch
LNK-10512	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6369	Ditch
LNK-10513	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6260	Ditch
LNK-10514	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6368	Ditch
LNK-10515	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6368	Ditch

LNK-10516	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6282	Ditch
LNK-10517	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6204	Ditch
LNK-10519	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6158	Ditch
LNK-10520	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74481	Ditch
LNK-10521	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6158	Ditch
LNK-10523	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6357	Ditch
LNK-10524	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6260	Ditch
LNK-10525	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6204	Ditch
LNK-10527	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65337	Ditch
LNK-10529	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6174	Ditch
LNK-10530	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6222	Ditch
LNK-2054	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26979	Ditch
LNK-10531	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6100	Ditch
LNK-10533	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6090	Ditch
LNK-6794	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6120	Ditch
LNK-6771	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6410	Ditch
LNK-10536	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6168	Ditch
LNK-3043	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10151	Ditch
LNK-2545	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11261	Ditch
LNK-2546	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11085	Ditch
LNK-8450	Outfall	Stream	Conv_DitchNaturalDrainage	DND-25016	Ditch
LNK-1883	Outfall	Stream	Conv_DitchNaturalDrainage	DND-25186	Ditch
LNK-2134	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9321	Ditch
LNK-8462	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9816	Ditch
LNK-8461	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9862	Ditch
LNK-2137	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9362	Ditch
LNK-2131	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9273	Ditch
LNK-2047	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26935	Ditch
LNK-2129	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27036	Ditch
LNK-2130	Outfall	Stream	Conv_DitchNaturalDrainage	DND-27036	Ditch
LNK-10538	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10257	Ditch
LNK-8425	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73618	Ditch
LNK-2206	Outfall	Stream	Conv_DitchNaturalDrainage	DND-25460	Ditch
LNK-3652	Outfall	Stream	Conv_DitchNaturalDrainage	DND-2119	Ditch
LNK-3067	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-65762	Ditch
LNK-2937	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10367	Ditch
LNK-3041	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-65763	Ditch
LNK-10548	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10812	Ditch
LNK-3089	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-66768	Ditch
LNK-10551	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11171	Ditch
LNK-10552	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10998	Ditch
LNK-1664	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8930	Ditch
LNK-1663	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9200	Ditch
LNK-1872	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10908	Ditch
LNK-1870	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-10685	Ditch
LNK-2031	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9494	Ditch
LNK-1657	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-26321	Ditch

LNK-10556	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10681	Ditch
LNK-1671	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24766	Ditch
LNK-1637	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10547	Ditch
LNK-1634	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10860	Ditch
LNK-1636	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10682	Ditch
LNK-1633	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26184	Ditch
LNK-1635	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10324	Ditch
LNK-10562	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43473	Ditch
LNK-10563	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26316	Ditch
LNK-1578	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35358	Ditch
LNK-1577	Outfall	Stream	Conv_DitchNaturalDrainage	DND-37017	Ditch
LNK-1584	Outfall	Stream	Conv_DitchNaturalDrainage	DND-36520	Ditch
LNK-4132	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75287	Ditch
LNK-4998	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17773	Ditch
LNK-5730	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16516	Ditch
LNK-3277	Outfall	Stream	Conv_DitchNaturalDrainage	DND-41299	Ditch
LNK-4120	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17334	Ditch
LNK-9218	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-74962	Ditch
LNK-4914	Outfall	Stream	Conv_DitchNaturalDrainage	DND-44017	Ditch
LNK-10645	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-43559	Ditch
LNK-10907	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43732	Ditch
LNK-10908	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43721	Ditch
LNK-10910	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43718	Ditch
LNK-3141	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43723	Ditch
LNK-11226	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-65156	Ditch
LNK-11227	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-65154	Ditch
LNK-11228	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65155	Ditch
LNK-11273	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65258	Ditch
LNK-11606	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74154	Ditch
LNK-11610	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11247	Ditch
LNK-11615	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65737	Ditch
LNK-11617	Outfall	Stream	Conv_DitchNaturalDrainage	DND-72463	Ditch
LNK-11618	Outfall	Stream	Conv_DitchNaturalDrainage	DND-72457	Ditch
LNK-11657	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10538	Ditch
LNK-11658	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10138	Ditch
LNK-11745	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-65899	Ditch
LNK-11807	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11021	Ditch
LNK-11808	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10518	Ditch
LNK-11831	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10908	Ditch
LNK-11849	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3276	Ditch
LNK-11857	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5809	Ditch
LNK-11872	Outfall	Stream	Conv_DitchNaturalDrainage	DND-30181	Ditch
LNK-11888	Outfall	Stream	Conv_DitchNaturalDrainage	DND-28882	Ditch
LNK-12022	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75467	Ditch
LNK-12227	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-75045	Ditch
LNK-12251	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71023	Ditch
LNK-12255	Outfall	Stream	Conv_DitchNaturalDrainage	DND-12029	Ditch

LNK-12303	Outfall	Stream	Conv_DitchNaturalDrainage	DND-21593	Ditch
LNK-12304	Outfall	Stream	Conv_DitchNaturalDrainage	DND-21690	Ditch
LNK-12329	Outfall	Stream	Conv_DitchNaturalDrainage	DND-41470	Ditch
LNK-12418	Outfall	Stream	Conv_DitchNaturalDrainage	DND-30671	Ditch
LNK-12470	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-28184	Ditch
LNK-12509	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43335	Ditch
LNK-12535	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-66518	Ditch
LNK-12547	Outfall	Stream	Conv_DitchNaturalDrainage	DND-30711	Ditch
LNK-12548	Outfall	Stream	Conv_DitchNaturalDrainage	DND-66572	Ditch
LNK-12602	Outfall	Stream	Conv_DitchNaturalDrainage	DND-31324	Ditch
LNK-12603	Outfall	Stream	Conv_DitchNaturalDrainage	DND-31264	Ditch
LNK-12604	Outfall	Stream	Conv_DitchNaturalDrainage	DND-30935	Ditch
LNK-12653	Outfall	Stream	Conv_DitchNaturalDrainage	DND-70096	Ditch
LNK-12656	Outfall	Stream	Conv_DitchNaturalDrainage	DND-23419	Ditch
LNK-12657	Outfall	Stream	Conv_DitchNaturalDrainage	DND-23419	Ditch
LNK-12679	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-23315	Ditch
LNK-12710	Outfall	Stream	Conv_DitchNaturalDrainage	DND-66625	Ditch
LNK-12711	Outfall	Stream	Conv_DitchNaturalDrainage	DND-66623	Ditch
LNK-12713	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9689	Ditch
LNK-12726	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9644	Ditch
LNK-12740	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26842	Ditch
LNK-12752	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24149	Ditch
LNK-12784	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8640	Ditch
LNK-12795	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-24728	Ditch
LNK-12796	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-24238	Ditch
LNK-12809	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24291	Ditch
LNK-12885	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71048	Ditch
LNK-12924	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65957	Ditch
LNK-12925	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65923	Ditch
LNK-13198	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-66932	Ditch
LNK-13250	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-66965	Ditch
LNK-13326	Outfall	Stream	Conv_DitchNaturalDrainage	DND-66979	Ditch
LNK-13403	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20437	Ditch
LNK-13412	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11401	Ditch
LNK-13413	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11360	Ditch
LNK-13418	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10611	Ditch
LNK-13419	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11053	Ditch
LNK-13463	Outfall	Stream	Conv_DitchNaturalDrainage	DND-67032	Ditch
LNK-13485	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-43652	Ditch
LNK-13486	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-43671	Ditch
LNK-13530	Outfall	Stream	Conv_DitchNaturalDrainage	DND-21234	Ditch
LNK-13865	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-68469	Ditch
LNK-13944	Outfall	Stream	Conv_DitchNaturalDrainage	DND-42515	Ditch
LNK-13994	Outfall	Stream	Conv_DitchNaturalDrainage	DND-67792	Ditch
LNK-14056	Outfall	Stream	Conv_DitchNaturalDrainage	DND-67909	Ditch
LNK-14092	Outfall	Stream	Conv_DitchNaturalDrainage	DND-70399	Ditch
LNK-14099	Outfall	Unverified Outfall	Conv_DitchNaturalDrainage	DND-68146	Ditch

LNK-14331	Outfall	Stream	Conv_DitchNaturalDrainage	DND-28171	Ditch
LNK-14349	Outfall	Stream	Conv_DitchNaturalDrainage	DND-29833	Ditch
LNK-15041	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69376	Ditch
LNK-15042	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69377	Ditch
LNK-15045	Outfall	Stream	Conv_DitchNaturalDrainage	DND-42692	Ditch
LNK-15537	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69742	Ditch
LNK-15864	Outfall	Stream	Conv_DitchNaturalDrainage	DND-28373	Ditch
LNK-15892	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24303	Ditch
LNK-15895	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-69963	Ditch
LNK-15952	Outfall	Stream	Conv_DitchNaturalDrainage	DND-30131	Ditch
LNK-16010	Outfall	Stream	Conv_DitchNaturalDrainage	DND-32239	Ditch
LNK-16334	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69975	Ditch
LNK-16363	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-32091	Ditch
LNK-16520	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24195	Ditch
LNK-16521	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-24435	Ditch
LNK-16522	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-70292	Ditch
LNK-16524	Outfall	Stream	Conv_DitchNaturalDrainage	DND-28459	Ditch
LNK-16648	Outfall	Stream	Conv_DitchNaturalDrainage	DND-23670	Ditch
LNK-16649	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24168	Ditch
LNK-17316	Outfall	Stream	Conv_DitchNaturalDrainage	DND-70572	Ditch
LNK-17361	Outfall	Stream	Conv_DitchNaturalDrainage	DND-30505	Ditch
LNK-17671	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-28333	Ditch
LNK-18174	Outfall	Stream	Conv_DitchNaturalDrainage	DND-23104	Ditch
LNK-18247	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-29743	Ditch
LNK-18557	Outfall	Stream	Conv_DitchNaturalDrainage	DND-39617	Ditch
LNK-18619	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8158	Ditch
LNK-18620	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8744	Ditch
LNK-18622	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-17327	Ditch
LNK-18699	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20316	Ditch
LNK-19309	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71275	Ditch
LNK-19311	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73892	Ditch
LNK-19312	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15878	Ditch
LNK-19330	Outfall	Stream	Conv_DitchNaturalDrainage	DND-38008	Ditch
LNK-19423	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-18937	Ditch
LNK-19424	Outfall	Unknown	Conv_DitchNaturalDrainage	DND-18620	Ditch
LNK-19428	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-43798	Ditch
LNK-19429	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-18936	Ditch
LNK-19554	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-11757	Ditch
LNK-19699	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-39539	Ditch
LNK-19717	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71589	Ditch
LNK-19718	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71590	Ditch
LNK-19729	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-12765	Ditch
LNK-19764	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-12080	Ditch
LNK-19962	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35650	Ditch
LNK-20034	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-71757	Ditch
LNK-20097	Outfall	Stream	Conv_DitchNaturalDrainage	DND-68273	Ditch
LNK-20099	Outfall	Stream	Conv_DitchNaturalDrainage	DND-40208	Ditch

LNK-20309	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11571	Ditch
LNK-20555	Outfall	Stream	Conv_DitchNaturalDrainage	DND-72223	Ditch
LNK-20588	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7985	Ditch
LNK-20763	Outfall	Stream	Conv_DitchNaturalDrainage	DND-26854	Ditch
LNK-20765	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-26645	Ditch
LNK-20882	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75535	Ditch
LNK-20885	Outfall	Stream	Conv_DitchNaturalDrainage	DND-72507	Ditch
LNK-20977	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-72553	Ditch
LNK-20978	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24107	Ditch
LNK-21105	Outfall	Stream	Conv_DitchNaturalDrainage	DND-72314	Ditch
LNK-21139	Outfall	Stream	Conv_DitchNaturalDrainage	DND-12061	Ditch
LNK-21141	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11665	Ditch
LNK-21162	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20259	Ditch
LNK-21163	Outfall	Stream	Conv_DitchNaturalDrainage	DND-70699	Ditch
LNK-21249	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5673	Ditch
LNK-21257	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5626	Ditch
LNK-21483	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5209	Ditch
LNK-21507	Outfall	Ground	Conv_DitchNaturalDrainage	DND-4801	Ditch
LNK-21512	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-72981	Ditch
LNK-21513	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-5629	Ditch
LNK-21555	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4933	Ditch
LNK-21605	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5148	Ditch
LNK-21623	Outfall	Ground	Conv_DitchNaturalDrainage	DND-4803	Ditch
LNK-21696	Outfall	Stream	Conv_DitchNaturalDrainage	DND-43910	Ditch
LNK-21707	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73108	Ditch
LNK-21708	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-3075	Ditch
LNK-21710	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-4720	Ditch
LNK-21712	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3192	Ditch
LNK-21869	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-853	Ditch
LNK-22027	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73265	Ditch
LNK-22035	Outfall	Stream	Conv_DitchNaturalDrainage	DND-39937	Ditch
LNK-22079	Outfall	Stream	Conv_DitchNaturalDrainage	DND-31450	Ditch
LNK-22238	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20065	Ditch
LNK-22264	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-73383	Ditch
LNK-22330	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-12129	Ditch
LNK-22519	Outfall	Stream	Conv_DitchNaturalDrainage	DND-70254	Ditch
LNK-22520	Outfall	Stream	Conv_DitchNaturalDrainage	DND-23838	Ditch
LNK-22479	Outfall	Stream	Conv_DitchNaturalDrainage	DND-69907	Ditch
LNK-11849	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3276	Ditch
LNK-11849	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73093	Ditch
LNK-22584	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3462	Ditch
LNK-22629	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-73491	Ditch
LNK-22757	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-5769	Ditch
LNK-22764	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5963	Ditch
LNK-22770	Outfall	Potential Wetland	Conv_DitchNaturalDrainage	DND-73521	Ditch
LNK-22825	Outfall	Stream	Conv_DitchNaturalDrainage	DND-50	Ditch
LNK-22830	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-38283	Ditch

LNK-22921	Outfall	Stream	Conv_DitchNaturalDrainage	DND-71593	Ditch
LNK-22922	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6931	Ditch
LNK-22923	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6788	Ditch
LNK-22928	Outfall	Stream	Conv_DitchNaturalDrainage	DND-18297	Ditch
LNK-22931	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6950	Ditch
LNK-22932	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7080	Ditch
LNK-22934	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65340	Ditch
LNK-22935	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65341	Ditch
LNK-22936	Outfall	Stream	Conv_DitchNaturalDrainage	DND-6661	Ditch
LNK-22961	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73632	Ditch
LNK-22988	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-73625	Ditch
LNK-22992	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-73132	Ditch
LNK-23021	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4549	Ditch
LNK-23042	Outfall	Stream	Conv_DitchNaturalDrainage	DND-18181	Ditch
LNK-23134	Outfall	Stream	Conv_DitchNaturalDrainage	DND-19662	Ditch
LNK-23135	Outfall	Stream	Conv_DitchNaturalDrainage	DND-19520	Ditch
LNK-23148	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14617	Ditch
LNK-23149	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16194	Ditch
LNK-23150	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14711	Ditch
LNK-23151	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14530	Ditch
LNK-23396	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-73897	Ditch
LNK-23428	Outfall	Stream	Conv_DitchNaturalDrainage	DND-73759	Ditch
LNK-23575	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-10673	Ditch
LNK-23659	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11129	Ditch
LNK-23745	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74065	Ditch
LNK-23746	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74064	Ditch
LNK-23750	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9655	Ditch
LNK-23756	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14092	Ditch
LNK-23965	Outfall	Stream	Conv_DitchNaturalDrainage	DND-15074	Ditch
LNK-23966	Outfall	Stream	Conv_DitchNaturalDrainage	DND-14708	Ditch
LNK-11606	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74153	Ditch
LNK-24146	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74163	Ditch
LNK-24157	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-36796	Ditch
LNK-24158	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-36500	Ditch
LNK-24159	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-36736	Ditch
LNK-24160	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-36914	Ditch
LNK-24165	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-11492	Ditch
LNK-24364	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24427	Ditch
LNK-24365	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24230	Ditch
LNK-24415	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74825	Ditch
LNK-24425	Outfall	Stream	Conv_DitchNaturalDrainage	DND-29432	Ditch
LNK-24500	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4242	Ditch
LNK-24501	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3014	Ditch
LNK-24509	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24282	Ditch
LNK-24510	Outfall	Stream	Conv_DitchNaturalDrainage	DND-24134	Ditch
LNK-24524	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-18124	Ditch
LNK-24526	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5918	Ditch

LNK-24527	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5739	Ditch
LNK-24528	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5890	Ditch
LNK-24529	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5936	Ditch
LNK-24562	Outfall	Stream	Conv_DitchNaturalDrainage	DND-68056	Ditch
LNK-24563	Outfall	Stream	Conv_DitchNaturalDrainage	DND-68055	Ditch
LNK-24564	Outfall	Stream	Conv_DitchNaturalDrainage	DND-68059	Ditch
LNK-24626	Outfall	Stream	Conv_DitchNaturalDrainage	DND-68842	Ditch
LNK-24627	Outfall	Stream	Conv_DitchNaturalDrainage	DND-68818	Ditch
LNK-24628	Outfall	Stream	Conv_DitchNaturalDrainage	DND-68815	Ditch
LNK-24629	Outfall	Stream	Conv_DitchNaturalDrainage	DND-68816	Ditch
LNK-24652	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-42276	Ditch
LNK-24681	Outfall	Stream	Conv_DitchNaturalDrainage	DND-20193	Ditch
LNK-24735	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-6005	Ditch
LNK-24756	Outfall	Stream	Conv_DitchNaturalDrainage	DND-65231	Ditch
LNK-24769	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11365	Ditch
LNK-24775	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3982	Ditch
LNK-24776	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-6882	Ditch
LNK-24777	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-6573	Ditch
LNK-24780	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11	Ditch
LNK-24791	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-28054	Ditch
LNK-24796	Outfall	Stream	Conv_DitchNaturalDrainage	DND-1099	Ditch
LNK-24797	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3040	Ditch
LNK-24798	Outfall	Stream	Conv_DitchNaturalDrainage	DND-46	Ditch
LNK-24801	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4976	Ditch
LNK-24805	Outfall	Stream	Conv_DitchNaturalDrainage	DND-3103	Ditch
LNK-24811	Outfall	Stream	Conv_DitchNaturalDrainage	DND-42684	Ditch
LNK-24816	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7071	Ditch
LNK-24817	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7100	Ditch
LNK-24818	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9006	Ditch
LNK-24819	Outfall	Stream	Conv_DitchNaturalDrainage	DND-8916	Ditch
LNK-24820	Outfall	Stream	Conv_DitchNaturalDrainage	DND-9143	Ditch
LNK-24833	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74864	Ditch
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LNK-24866	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4927	Ditch
LNK-24867	Outfall	Stream	Conv_DitchNaturalDrainage	DND-5141	Ditch
LNK-24873	Outfall	Stream	Conv_DitchNaturalDrainage	DND-25458	Ditch
LNK-24874	Outfall	Stream	Conv_DitchNaturalDrainage	DND-25369	Ditch
LNK-24875	Outfall	Stream	Conv_DitchNaturalDrainage	DND-25100	Ditch
LNK-24886	Outfall	Stream	Conv_DitchNaturalDrainage	DND-2395	Ditch
LNK-24888	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13725	Ditch
LNK-24905	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17369	Ditch
LNK-24907	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35250	Ditch
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LNK-24925	Outfall	Stream	Conv_DitchNaturalDrainage	DND-16898	Ditch
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LNK-24929	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74513	Ditch
LNK-24931	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-5311	Ditch

LNK-24932	Outfall	Potential Stream	Conv_DitchNaturalDrainage	DND-2999	Ditch
LNK-24945	Outfall	Stream	Conv_DitchNaturalDrainage	DND-67709	Ditch
LNK-24946	Outfall	Stream	Conv_DitchNaturalDrainage	DND-10191	Ditch
LNK-24968	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17031	Ditch
LNK-24969	Outfall	Stream	Conv_DitchNaturalDrainage	DND-17074	Ditch
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LNK-25966	Outfall	Stream	Conv_DitchNaturalDrainage	DND-42209	Ditch
LNK-26006	Outfall	Stream	Conv_DitchNaturalDrainage	DND-66637	Ditch
LNK-26019	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74821	Ditch
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LNK-26059	Outfall	Stream	Conv_DitchNaturalDrainage	DND-7230	Ditch
LNK-26062	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4217	Ditch
LNK-26072	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74846	Ditch
LNK-26102	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4078	Ditch
LNK-26109	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4292	Ditch
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LNK-26113	Outfall	Stream	Conv_DitchNaturalDrainage	DND-2873	Ditch
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LNK-26116	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4509	Ditch
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LNK-26138	Outfall	Stream	Conv_DitchNaturalDrainage	DND-11305	Ditch
LNK-26175	Outfall	Wetland	Conv_DitchNaturalDrainage	DND-70933	Ditch
LNK-26222	Outfall	Stream	Conv_DitchNaturalDrainage	DND-13655	Ditch
LNK-26232	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74907	Ditch
LNK-26284	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74934	Ditch
LNK-26285	Outfall	Stream	Conv_DitchNaturalDrainage	DND-2782	Ditch
LNK-26286	Outfall	Stream	Conv_DitchNaturalDrainage	DND-74935	Ditch
LNK-26287	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4671	Ditch
LNK-26392	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75068	Ditch
LNK-26463	Outfall	Stream	Conv_DitchNaturalDrainage	DND-35591	Ditch
LNK-26469	Outfall	Stream	Conv_DitchNaturalDrainage	DND-75379	Ditch
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LNK-26558	Outfall	Stream	Conv_DitchNaturalDrainage	DND-44227	Ditch
LNK-26575	Outfall	Stream	Conv_DitchNaturalDrainage	DND-4936	Ditch

Geometry	DitchWidth	DitchDepth	Material
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DBAssetID	LinkType	ToFrom
LNK-6835	Outfall	Wetland
LNK-6866	Outfall	Wetland
LNK-7483	Outfall	Potential Wetland
LNK-7549	Outfall	Potential Wetland
LNK-7446	Outfall	Wetland
LNK-7428	Outfall	Wetland
LNK-10226	Outfall	Potential Wetland
LNK-10233	Outfall	Wetland
LNK-10234	Outfall	Wetland
LNK-10243	Outfall	Stream
LNK-10248	Outfall	Stream
LNK-10390	Outfall	Potential Stream
LNK-10400	Outfall	Stream
LNK-10401	Outfall	Stream
LNK-10682	Outfall	Wetland
LNK-11813	Outfall	Lake
LNK-12551	Outfall	Potential Wetland
LNK-12819	Outfall	Wetland
LNK-13613	Outfall	Stream
LNK-13810	Outfall	Potential Wetland
LNK-13896	Outfall	Stream
LNK-13910	Outfall	Wetland
LNK-13955	Outfall	Wetland

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DBAssetID_	SwaleType	SwaleDepth	Width
SWL-664	Basic Biofiltration	1	2
SWL-635	Basic Biofiltration	0	0
SWL-46	Basic Biofiltration	1	10
SWL-275	Basic Biofiltration	3	8
SWL-31	Basic Biofiltration	0	0
SWL-53	Basic Biofiltration	0	0
SWL-21	Basic Biofiltration	2	12
SWL-24	Basic Biofiltration	0	6
SWL-25	Basic Biofiltration	0	10
SWL-52	Basic Biofiltration	0	0
SWL-58	Basic Biofiltration	2	10
SWL-189	Basic Biofiltration	2	2
SWL-206	Basic Biofiltration	0	0
SWL-207	Basic Biofiltration	0	13
SWL-294	Basic Biofiltration	3	8
SWL-356	Basic Biofiltration	1	9
SWL-130	Basic Biofiltration	0	0
SWL-577	Basic Biofiltration	2	3
SWL-663	Basic Biofiltration	2	3
SWL-700	Basic Biofiltration	2	6
SWL-726	Basic Biofiltration	0	0
SWL-814	Basic Biofiltration	3	2
SWL-730	Basic Biofiltration	2	3

43a S5.C.7.c Attach an updated list annually. (S5.C.7.c)

STRUCTURAL STORMWATER CONTROLS LIST
KING COUNTY
2019

See: https://apps.ecology.wa.gov/paris/DownloadDocument.aspx?id=279051

Project Name	Project Number	PM	Project Type[1]	Status[2]	Cost Estimate[3]	Basin Area (ac)	LID equiv. Area	LID Point Factor	RT equiv. Area	RT Point Factor	FC Equiv. Area	FC Point Factor	Other Project Area -AC or mi	Other Point Factor	Total SSC Program Points	Lat / Long (X, Y)	Receiving water body name	Comments
Evans Creek Tributary 108 Detention Vault Retrofits	1128113	Johnson, Claire	2	4. Complete/ Maintenance	$670,000											47.67299/ -122.06376	Evans Creek	Design and constuct two stromwater retrofit detention vaults in right of way, in front of addresses 20620 and 20626 NE 76th Place and 20508 NE 78th Street. Partially funded by Ecology Grant WQC-2016-KCWLRD-00056.
DES FMD BURIEN DC WQ IMPROVEMT	1136642	McNair, Matt	4	2. Design and permitting	$1,119,000	2.494										47.469957, -122.342485	Miller-Walker Creek	Retrofit and expand an existing detention cell to two bioretention (infiltration) cells. Treats adjacent parking lot and Burien City ROW.
WLSWCWQ EVANS CK TRIB108DTNTN	1129499	McNair, Matt	2	2. Design and permitting	$326,000	4.15										47.674644, -122.065161	Evans Creek	Design and constuct stromwater retrofit detention vault in right of way, in front of addresses 20650 through 20690 NE 79th Street.
May Creek Tributary 291A Stormfilter Retrofit	1128032	McNair, Matt	2	5. Project Canelled	$141,000											47.48626/ -122.12312	May Creek	Design and construct a StormFilter system in right of way in front of parcel 3243200030 near Renton, WA. Grant was awarded by Ecology. Grant declined by KC due to use of proprietary equipment.
WLSWCWQ MAYCK TRIB291A CMTRY	1129498	McNair, Matt	3, 4, 5, 7, 9, 10	2. Design and permitting	$330,000	102.5										47.48671, -122.12154	May Creek	Improved Stormwater Management through; Design of Bioswalt to treat ROW runoff, retrofit existing DR0509 facility, Property Purchase/conservation, Wetland Restoration (wetland buffer), Removal of fill (floodplain detention volume expansion), removal of impervious surface
WLSWCWQ MIL CK TRIB51 DESIGN	1129500	McNair, Matt	2/3/4	1. Planning	$312,000	49.1										47.338194, -122.280097 OR 47.3350389, -122.2906077	Mill Creek	Design a BMP to improve Water Volume & Quality management within the basin (could be new facility, or retrofit of existing)
Wilderness Rim Pond Access Berm			5	4. Complete/ Maintenance	$40K											47.444557/ -121.773907	Snoqualmie River	Berm to protect nearby residential properties and associated septic systems from infiltration pond overflow. FEMA grant E15-170
Wilderness Rim Berm and Pond Excavation			5	3. Construction	$235K											47.444557/ -121.773907	Snoqualmie River	Berm to protect nearby residential properties and associated septic systems from infiltration pond overflow. FEMA grant E15-170
Cedar River, Byers Road			5	6. Property acquisition	$ 682,500.00	1.27									0.635			
Big Spring/Newaukum Creek Natural Area			5	6. Property acquisition	$ 465,000.00	10.00									5			
Slippery Creek			5	6. Property acquisition	$ 99,000.00	2.18									1.09			
Re-Greening the Green			5	6. Property acquisition	$ 46,000.00	0.82									0.41			
Taylor Creek Mitigation			5	6. Property acquisition	$ 2,500.00	0.07									0.0325			
Cougar Mountain			5	6. Property acquisition	$ 355,436.00	12.50									6.25			
Middle Bear Creek Natural Area			5	6. Property acquisition	$ 126,500.00	5.16									2.58			
Cedar River			5	6. Property acquisition	$ 630,000.00	1.21									0.605			
Snoqualmie Valley TDR			5	6. Property acquisition	$ 885,000.00	68.60									34.3			
Paradise Valley Natural Area			5	6. Property acquisition	$ 50,000.00	4.25									2.125			
Mouth of Taylor Reach Natural Area			5	6. Property acquisition	$ -	2.78									1.39			

STRUCTURAL STORMWATER CONTROLS LIST
KING COUNTY
2019

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Project Name	Project Number	PM	Project Type[1]	Status[2]	Cost Estimate[3]	Basin Area (ac)	LID equiv. Area	LID Point Factor	RT equiv. Area	RT Point Factor	FC Equiv. Area	FC Point Factor	Other Project Area -AC or mi	Other Point Factor	Total SSC Program Points	Lat / Long (X, Y)	Receiving water body name	Comments
Judd Creek Natural Area			5	6. Property acquisition	$ 45,000.00	3.50									1.75			
Vashon Farmland			5	6. Property acquisition	$ 286,000.00	12.44									6.22			
Cedar River			5	6. Property acquisition	$ 275,000.00	2.85									1.425			
Big Spring/Newaukum Creek Natural Area			5	6. Property acquisition	$ 510,000.00	3.90									1.95			
Cemetery Pond			5	6. Property acquisition	$ 110,000.00	0.37									0.185			
Shake Mill Left Bank Levee			5	6. Property acquisition	$ 9,600.00	0.37									0.185			
Fall City Buyouts			5	6. Property acquisition	$ 654,500.00	0.60									0.3			
May Creek Tributary 291A			5	6. Property acquisition	$ 210,000.00	3.50									1.75			
Cemetery Pond			5	6. Property acquisition	$ 150,000.00	0.80									0.4			
Big Spring/Newaukum Creek Natural Area			5	6. Property acquisition	$ 35,000.00	1.61									0.805			
Shake Mill Left Bank Levee			5	6. Property acquisition	$ 10,000.00	0.53									0.265			
Fairwood No. 11	1117559	R Berryessa	4	Final Design	$ 1,000,000.00										0		Molasses Cr	
Paradise Valley Natural Area			5	6. Property acquisition	$ 45,000.00	3.00									1.5			
Mitchell Hill			5	6. Property acquisition	$430,000	40.59									20.295			
Lake to Sound Trail			5	6. Property acquisition	$ 10,485.00	0.01									0.004			
Mud Creek Restoration - Acquisition	1132403	Kara, Wendy	5	6. Property acquisition	$ 635,000.00	2.75									1.375			
TDR Farmland Easement			5	6. Property acquisition	$ 27,500.00	6.38									3.19			
Parks Trail Easement			5	6. Property acquisition	$ 11,000.00	0.54									0.27			
Patterson Creek Natural Area			5	6. Property acquisition	$ 420,000.00	49.23									24.615			
Wayne Golf Course, Back Nine			5	6. Property acquisition	$ -	31.38									15.69			
Lower Newaukum Creek Natural Area			5	6. Property acquisition	$ 495,000.00	40.00									20			
Green River Tukwila			5	6. Property acquisition	$ 1,750,000.00	1.48									0.74			

STRUCTURAL STORMWATER CONTROLS LIST
KING COUNTY
2019

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Project Name	Project Number	PM	Project Type[1]	Status[2]	Cost Estimate[3]	Basin Area (ac)	LID equiv. Area	LID Point Factor	RT equiv. Area	RT Point Factor	FC Equiv. Area	FC Point Factor	Other Project Area -AC or mi	Other Point Factor	Total SSC Program Points	Lat / Long (X, Y)	Receiving water body name	Comments
Vashon-Paradise Valley			5	6. Property acquisition	$ -	5.23									2.615			
Cougar Mountain Regional Wildland			5	6. Property acquisition	$ 600,000.00	10.00									5			
Green River Natural Area			5	6. Property acquisition	$ 153,000.00	5.98									2.99			
Lower Cedar River Natural Area			5	6. Property acquisition	$ -	10.90									5.45			
White River			5	6. Property acquisition	$ 108,000.00	0.12									0.06			
Mallard Bay Trail Easement			5	6. Property acquisition	$ -	0.14									0.07			
Tolt River Mile 1.1			5	6. Property acquisition	$ 40,000.00	0.65									0.325			
Molasses Creek	?	R Berryessa		6. Property acquisition	$ -	1.48									0.74			
Big Spring/Newaukum Creek Natural Area			5	6. Property acquisition	$ 27,500.00	3.60									1.8			
Snoqualmie: Hafner Levee Setback			5	6. Property acquisition	$ 475,000.00	38.52									19.26			
Cougar Mountain Regional Wildland			5	6. Property acquisition	$ 93,500.00	2.50									1.25			
Paradise Lake Natural Area			5	6. Property acquisition	$ 420,000.00	10.02									5.01			
Paradise Lake Natural Area			5	6. Property acquisition	$ 320,000.00	8.40									4.2			
Point Heyer Natural Area			5	6. Property acquisition	$ 850,000.00	2.78									1.39			
White Center Stormwater Facility Retrofit	1133946	Kameda, Wes	4	1. Planning	$ 600,000.00	150									75	47.515349, 122.349445	Salmon Creek	
Ravensdale Stormwater Facility Retrofit	1133944	Kameda, Wes	4	2. Design and permitting	$ 200,000.00	20									10	47.34057, -121.9216	Rock Creek	

Notes

N/A - not available or not applicable
WQ - water quality
TSS - total suspeded solids

[5] **Hydro Benefit**

1. Project's volume ratio
2a. 100%
2b. 100%

STRUCTURAL STORMWATER CONTROLS LIST
KING COUNTY
2019

						See: https://apps.ecology.wa.gov/paris/DownloadDocument.aspx?id=279051											
Project Name	**Project Number**	**PM**	**Project Type[1]**	**Status[2]**	**Cost Estimate[3]**	**Basin Area (ac)**	**LID equiv. Area**	**LID Point Factor**	**RT equiv. Area**	**RT Point Factor**	**FC Equiv. Area**	**FC Point Factor**	**Other Project Area -AC or mi**	**Other Point Factor**	**Total SSC Program Points**	**Lat / Long (X, Y)**	**Receiving water body name**

Comments

TS - total solids
FEMA - Federal Emergency Management Agency

2c. Project's volume ratio
[6] **Retrofit Incentive** - From Washington State Department of Ecology *Retrofit Incentive Table*

[1] **Type**

1. New flow control facility
2. New runoff treatment facility (or treatment and flow control facility)
3. New LID BMPs
4. Retrofit of existing treatment and/or flow control facility
5. Property acquisition
6. Maintenance with capital construction costs ≥ $2.
7. Restoration of riparian buffer
8. Restoration of forest cover
9. Floodplain reconnection projects
10. Removal of impervious surfaces
11. Other actions to address stormwater runoff into or from the MS4 not otherwise required in S5.C.

S5.C.8.b.iii

In 2019, 761 source control inspections were done at commercial, industrial & multifamily sites in unincorporated King County. This represents approximately 40% of our estimated inventory of 2175 potential pollutant-generating properties. 196 of these inspections were re-inspections.

S5.C.8.b.iv

The procedures for progressive enforcement included providing a written copy of the inspection report noting what was in compliance and what else needed to be done to bring the entire site in to compliance. For more involved or complex sites with multiple compliance issues, a detailed Corrective Action Letter was sent, specifying exactly what needed to be done by when in order to come into compliance. In 2019, 23 Corrective Action Letters were sent.

In 2029, two Notice and Orders with penalties were issued. The first was for Island Spring Organics on Vashon Island, where a tank being filled with whey overflowed onto the ground due to inattentiveness. A fine of $1,000 was levied and the company submitted a plan as to how prevent this from occurring again.

The Briarwood Shopping Center in Renton was fined $65,000 for failing to remove and properly dispose of sewage-contaminated water in their underground stormwater vault. The owners refused to act, resulting in the vault contents flushing into a stream. The vault had became contaminated by the failure of the large onsite septic system due to lack of maintenance. The penalty was paid and the system was repaired. King County continues to monitor the situation.

47-S5.C.8.b.iii Attach a list of inspections

InspectionSeriesID	DBAssetID	BusinessName	ObservedUse	NumberofInspections	EnforcementAction	EnforcementActionTaken	EnforcementActionNotes
100	BUS-700	Chinook Apartments	4-Plex	2	Yes	Letter Sent (Corrective Actions Required)	
232	BUS-2048	Lake Retreat 4-Plex	4-Plex	1	No		
286	BUS-1982	Chea 4-Plex	4-Plex	1	No		
294	BUS-1975	Bell 5-plex	4-Plex	1	No		
305	BUS-1867	Naylor 4-Plex	4-Plex	1	No		
324	BUS-1862	Hoang 4-Plex	4-Plex	1	No		
347	BUS-1977	Zhang 4 Plex	4-Plex	1	No		
337	BUS-2026	Roberts 4-Plex	4-Plex	1	No		
85	BUS-695	Creston Point Apartments	Apartment Complex	1	No		
95	BUS-699	Foster Commons Apartments	Apartment Complex	1	No		
58	BUS-720	Arbor Woods Apartments	Apartment Complex	6	Yes	Letter Sent (Corrective Actions Required)	
62	BUS-733	Park Terrace Apts	Apartment Complex	2	No		
68	BUS-739	Cascade View Apts	Apartment Complex	1	No		
73	BUS-760	Willow Terrace Apartments #1	Apartment Complex	1	No		
389	BUS-790	Pebble Cove Apartments	Apartment Complex	3	Yes	Letter Sent (Corrective Actions Required)	A corrective action letter will be mailed out requiring the site to address the items listed including trash pick up and management, adding dumpsters to the site, and acquiring spill absorbent materials.
338	BUS-1910	Windemere Estates Apt Bldg	Apartment Complex	1	No		
318	BUS-1850	Hillview Apartments	Apartment Complex	4	No		
90	BUS-696	Cambridge Park Villa Apts	Apartment(Mixed Use or with pool)	1	No		
120	BUS-946	Fountain Lake Townhomes	Apartment(Mixed Use or with pool)	2	No		
135	BUS-923	5 Star Community Club	Auditorium-Assembly Bldg	1	No		
132	BUS-977	Preston Community Center	Auditorium-Assembly Bldg	1	No		
385	BUS-1855	Preston Vasa Hall	Auditorium-Assembly Bldg	1	No		
374	BUS-2046	Osceola Community Club	Auditorium-Assembly Bldg	1	No		
37	BUS-63	Fairwood Bank of America	Bank	1	No		
53	BUS-279	Matthews Cellars	Beverage Manufacturer	1	No		
99	BUS-384	Castillo de Feliciana Tasting Room	Beverage Manufacturer	2	No		
59	BUS-397	Sidetrack Distillery	Beverage Manufacturer	1	No		
98	BUS-478	Cadence Winery	Beverage Manufacturer	1	No		
370	BUS-2013	Isabella Grace Winery	Beverage Manufacturer	1	No		
313	BUS-2057	Camp Colvos Brewing	Beverage Manufacturer	4	No		
239	BUS-1872	Camp Don Bosco	Campground	1	No		
268	BUS-2007	Kanaskat-Palmer Recreation Area	Campground	1	No		
115	BUS-944	Sno-Valley Auto Detail	Car Wash	1	Yes	Letter Sent (Corrective Actions Required)	A corrective action letter was sent to Mr. Evans regarding the work needed on the property. We had some conversations over the phone but seemed to be stalling. I will send the letter and start a clock for compliance within 30 days. Awaiting compliance.
66	BUS-496	Church Of Christ Southside	Church-Temple-Mosque etc.	1	No		
121	BUS-972	Satuguru Ramsingh Satsang	Church-Temple-Mosque etc.	2	No		
143	BUS-981	Seattle Central Korean Seventh-Day Adventist Church	Church-Temple-Mosque etc.	1	No		
148	BUS-984	Kingdom Hall Of Jehovah's Witnesses	Church-Temple-Mosque etc.	1	No		
152	BUS-989	Fall City United Methodist Church	Church-Temple-Mosque etc.	1	No		
106	BUS-990	Stillwater Hill Community Church	Church-Temple-Mosque etc.	1	No		
136	BUS-1060	Issaquah Christian Church	Church-Temple-Mosque etc.	1	No		
177	BUS-1854	Atammayatarama Buddhist Monastery	Church-Temple-Mosque etc.	2	No		
234	BUS-1864	Grace Point Northwest	Church-Temple-Mosque etc.	1	No		
301	BUS-1970	Blessed Teresa of Calcutta Catholic Church	Church-Temple-Mosque etc.	4	No		
371	BUS-1892	Enumclaw Church of Christ	Church-Temple-Mosque etc.	1	No		
308	BUS-1987	Burton Community Church	Church-Temple-Mosque etc.	1	No		
311	BUS-1986	Federal Way First Presbyterian	Church-Temple-Mosque etc.	2	No		
164	BUS-1984	Snoqualmie Valley School District Bldg	Club	1	No		
207	BUS-1882	Fall City Masonic Lodge	Club	1	No		
204	BUS-1930	Sahalie Ski Club	Club	1	No		
358	BUS-1959	Enumclaw Men's Club	Club	1	No		
82	BUS-796	Red Mill I Condominiums	Condominium (Residential)	1	No		
240	BUS-1967	ROXBOROUGHS Condos	Condominium (Residential)	1	No		
719	BUS-181	MILITARY CHEVRON	Convenience Store with Gas	2	Yes	Letter Sent (Corrective Actions Required)	Drafted Corrective Action Letter
43	BUS-333	Stillwater Store Chevron	Convenience Store with Gas	3	No		
96	BUS-600	76 Gas Station/Convenience	Convenience Store with Gas	1	No		
70	BUS-659	Shell Gas Station & Bikini Espresso	Convenience Store with Gas	3	No		
698	BUS-2125	Redmond 76 & Subway	Convenience Store with Gas	2	Yes	Letter Sent (Corrective Actions Required)	
19	BUS-304	JL Lakeside Grocery	Convenience Store without Gas	1	No		
65	BUS-643	Boise Creek Grocery	Convenience Store without Gas	1	No		
310	BUS-1931	Der Baring Store	Convenience Store without Gas	1	No		
172	BUS-2021	Happy Hound Hotel	Daycare Center	2	No		
210	BUS-1933	Canine Behavior Center	Daycare Center	1	No		
381	BUS-1973	Bella Terra Montessori	Daycare Center	1	No		
32	BUS-117	Hollywood Hill Equestrian Center	Equestrian Business	1	No		
42	BUS-212	Gold Creek Stables	Equestrian Business	1	No		
49	BUS-245	Lane's End Farm	Equestrian Business	1	No		
54	BUS-345	Sundance Equestrian Industries	Equestrian Business	1	No		
64	BUS-358	Ravenswood Farm	Equestrian Business	1	No		
89	BUS-372	Topline Equestrian Centre	Equestrian Business	2	No		
94	BUS-379	Sage Meadows	Equestrian Business	1	No		
77	BUS-448	Willowcrest Stables	Equestrian Business	3	No		
83	BUS-459	Skyreach Equestrian	Equestrian Business	2	No		
88	BUS-471	Hillcrest Training and Sales	Equestrian Business	1	No		
102	BUS-484	Thunder Rail Stables	Equestrian Business	1	No		
76	BUS-503	Forever Home Farm LLC	Equestrian Business	1	No		
60	BUS-629	Misty Hollow Farm	Equestrian Business	2	No		
123	BUS-997	Deerfield Farm	Equestrian Business	1	No		
142	BUS-1004	View Ridge Farm	Equestrian Business	1	No		
109	BUS-1037	Dunn Bar Ranch	Equestrian Business	2	No		
196	BUS-1255	Copper Ridge Farm	Equestrian Business	1	No		
201	BUS-1257	Derby Farms	Equestrian Business	2	No		
160	BUS-1275	Legacy Hunters & Jumpers	Equestrian Business	2	No		
212	BUS-2019	Pond A Luce A Stables	Equestrian Business	1	No		
235	BUS-1949	Dressage Dancers	Equestrian Business	1	No		
218	BUS-1905	Equinox Equestrian	Equestrian Business	5	No		
238	BUS-1920	Patterson Creek Farms LLC	Equestrian Business	1	No		
364	BUS-2061	Swag Stables	Equestrian Business	3	No		
312	BUS-1917	Care Fur Life Animal Rescue	Equestrian Business	1	No		
322	BUS-2047	Tall Firs Farm / Safe a Forgotten Equine	Equestrian Business	2	No		
31	BUS-321	Integrity Gutters	Equipment Repair/Sales/Storage	1	No		
103	BUS-385	May Valley Excavation	Equipment Repair/Sales/Storage	1	No		
220	BUS-406	KUBOTA GARDENS LANDSCAPING	Equipment Repair/Sales/Storage	1	No		
55	BUS-487	C & R Excavating & Asphalt, LLC	Equipment Repair/Sales/Storage	1	No		
124	BUS-947	Pacific Facility Services	Equipment Repair/Sales/Storage	2	No		
191	BUS-965	Seattle Water	Equipment Repair/Sales/Storage	2	No		
179	BUS-1254	Former Coopers Corner	Equipment Repair/Sales/Storage	1	No		
168	BUS-1291	Trailers Northwest	Equipment Repair/Sales/Storage	1	No		
193	BUS-1843	Anmarco Yard	Equipment Repair/Sales/Storage	2	No		
157	BUS-1950	Cristy's Painting	Equipment Repair/Sales/Storage	1	No		
208	BUS-2036	Hector's Lawn Service	Equipment Repair/Sales/Storage	1	No		
213	BUS-2017	The Tile and Stone Masters	Equipment Repair/Sales/Storage	2	No		
215	BUS-1895	Bargaindealz Auto and Lawnmower Repair	Equipment Repair/Sales/Storage	3	No		
205	BUS-1937	Formerly DuraDek Northwest	Equipment Repair/Sales/Storage	1	No		
263	BUS-1847	Advanced Underground Inc	Equipment Repair/Sales/Storage	1	No		
266	BUS-1941	Olson's Outdoor Improvements	Equipment Repair/Sales/Storage	3	No		
271	BUS-1935	Guardwell Rv & Boat Storage	Equipment Repair/Sales/Storage	1	No		
357	BUS-1886	Skaar Construction	Equipment Repair/Sales/Storage	1	No		
356	BUS-1849	Cedar Grove Rd Storage Yard (Alpine Tree)	Equipment Repair/Sales/Storage	2	No		
327	BUS-1999	Tacoma Water North Parcels	Equipment Repair/Sales/Storage	1	No		
314	BUS-2011	Suburban Propane	Equipment Repair/Sales/Storage	3	No		
199	BUS-2037	Inland Waterproofing Services	Equipment Repair/Sales/Storage	1	No		
28	BUS-1846	Boeing South Park	Equipment Repair/Sales/Storage	1	No		
6	BUS-104	McMurtrey's Red-Wood Christmas Tree Farm	Farm stand	1	No		
75	BUS-289	Fox Hollow Family Farm	Farm stand	1	No		
112	BUS-678	Foley's Produce	Farm stand	1	No		
302	BUS-970	Canter-Berry Farms	Farm stand	1	No		
607	BUS-2044	The Goat Lady	Farm stand	1	No		
125	BUS-401	Bear Creek Country Club	Golf Course	1	No		
138	BUS-919	Members Club at Aldarra	Golf Course	5	No		
104	BUS-1003	Twin Rivers Golf Course	Golf Course	4	Yes	Letter Sent (Corrective Actions Required)	A letter was mailed today notifying the business of the 9 correction items found on site. Most of them are minor and few of them require attention to the storm drain system. The big item is discussing their equipment washing system.
170	BUS-1034	Blue Heron Golf Course	Golf Course	2	No		
260	BUS-1150	Druids Glen Golf Club	Golf Course	2	No		
345	BUS-1865	Snoqualmie Falls Golf Course	Golf Course	1	No		
652	BUS-1956	Redwood Golf Center	Golf Course	2	No		
40	BUS-71	JB INSTANT LAWN INC	Greenhouse-Nursery-Arbor Services	1	No		
615	BUS-124	Sterling Services	Greenhouse-Nursery-Arbor Services	1	No		
48	BUS-138	Cedar Grove Compost	Greenhouse-Nursery-Arbor Services	1	Yes	Letter Sent (Corrective Actions Required)	Corrective action letter sent to Ron Westmoreland. Due date January 15, 2020
50	BUS-241	Rock Mountain Products	Greenhouse-Nursery-Arbor Services	1	No		
39	BUS-251	JP Landscape Services	Greenhouse-Nursery-Arbor Services	3	No		
67	BUS-327	Gold Plants	Greenhouse-Nursery-Arbor Services	1	No		
71	BUS-426	Sound Vegetables	Greenhouse-Nursery-Arbor Services	1	No		
145	BUS-501	Bear Creek Landscaping	Greenhouse-Nursery-Arbor Services	2	No		
110	BUS-927	Tadpole Haven Native Plants	Greenhouse-Nursery-Arbor Services	1	No		
566	BUS-941	T & L Nursery	Greenhouse-Nursery-Arbor Services	3	No		
225	BUS-1236	Avondale Bark & Topsoil	Greenhouse-Nursery-Arbor Services	4	Yes	Letter Sent (Corrective Actions Required)	
241	BUS-1860	Classic Nursery	Greenhouse-Nursery-Arbor Services	1	No		
391	BUS-2004	Irrigation Service & Design	Greenhouse-Nursery-Arbor Services	1	No		
365	BUS-1894	Lifestyle Lansdcapes Inc.	Greenhouse-Nursery-Arbor Services	2	No		
383	BUS-2059	Keep It Simple Farm	Greenhouse-Nursery-Arbor Services	2	No		
247	BUS-1962	Plants NW	Greenhouse-Nursery-Arbor Services	2	No		
35	BUS-2009	Maple Valley Food Bank	Grocery Store	2	No		
80	BUS-323	Country Estate At Union Hill	Group Home	1	No		
300	BUS-682	The Good Samaritan Adult Family Home	Group Home	1	No		
316	BUS-1919	Mary's Place	Group Home	1	No		
424	BUS-1964	Crossfit Devotion	Health Club	1	No		
52	BUS-19	ACE GALVANIZING INC	Industrial (Gen Purpose)	1	No		
764	BUS-268	Nota Bene Cellars Ltd	Industrial (Gen Purpose)	1	No		
79	BUS-277	Skyway Towing	Industrial (Gen Purpose)	2	No		
81	BUS-370	Sunbelt Rentals INC.	Industrial (Gen Purpose)	2	Yes	Letter Sent (Corrective Actions Required)	Letter sent to Randy Breiwick, owner of the property.
146	BUS-514	Summit Supply	Industrial (Gen Purpose)	2	No		
192	BUS-1081	Wakefield Glass	Industrial (Gen Purpose)	1	No		
257	BUS-1856	King County Roads Fall City Pit	Industrial (Gen Purpose)	1	No		
377	BUS-2020	Green River Rearing Ponds	Industrial (Gen Purpose)	1	No		
405	BUS-1848	Blue Hill	Industrial (Gen Purpose)	3	No		
625	BUS-2071	KRS Marine Construction Inc.	Industrial (Gen Purpose)	2	No		
36	BUS-76	Industrial Automation, Inc	Industrial (Heavy)	1	No		
11	BUS-121	Rick's Master Marine	Industrial (Heavy)	1	No		
150	BUS-295	Binford Metals	Industrial (Heavy)	2	Yes	Letter Sent (Corrective Actions Required)	
155	BUS-933	Premier Torque Converters	Industrial (Heavy)	2	No		
163	BUS-1845	ICON Materials	Industrial (Heavy)	3	No		
352	BUS-1844	Puget Sound Coatings	Industrial (Heavy)	1	No		
356	BUS-2056	Rino Construction	Industrial (Heavy)	1	No		
351	BUS-2034	Tacoma Water West Parcels	Industrial (Heavy)	3	No		
14	BUS-2052	Tacoma Water Filtration Plant	Industrial (Heavy)	2	No		
30	BUS-30	Fields Roof Service Inc	Industrial (Light)	1	No		
8	BUS-47	Beckwith & Kuffel	Industrial (Light)	2	No		
12	BUS-66	Ace Iron Works	Industrial (Light)	1	No		
4	BUS-78	Joanis Mechanical LLC	Industrial (Light)	2	No		
21	BUS-148	Mosby Brothers Farm	Industrial (Light)	1	No		
572	BUS-179	Fives Lund	Industrial (Light)	4	No		
406	BUS-229	Binford (Formerly AAA AUTO WRECKING)	Industrial (Light)	1	Yes	Letter Sent (Corrective Actions Required)	
525	BUS-382	Sound Propeller Systems	Industrial (Light)	2	No		
616	BUS-383	Norwest Graphics	Industrial (Light)	2	No		
105	BUS-929	Bremmeyer Equipment, Inc.	Industrial (Light)	2	Yes	Letter Sent (Corrective Actions Required)	
116	BUS-934	Wilson Concrete Construction, Inc.	Industrial (Light)	4	No		
151	BUS-971	Security Race Products, Inc.	Industrial (Light)	1	No		
180	BUS-1091	Security Contractor Services	Industrial (Light)	1	No		
169	BUS-1161	Fire District 44 (Mountain View Fire & Rescue)	Industrial (Light)	3	No		
174	BUS-1282	Rainier Organic Bakery	Industrial (Light)	2	No		
188	BUS-1286	Santana Trucking & Excavation, Inc.	Industrial (Light)	1	No		
226	BUS-2035	Isackson's Saw Mill	Industrial (Light)	3	No		
253	BUS-1940	Tacoma Water Yard	Industrial (Light)	2	No		
242	BUS-1879	Stevens Pass Ski Area Maintenance Shops	Industrial (Light)	1	No		
244	BUS-1924	R&R Party Rentals	Industrial (Light)	2	Yes	Stop Work Order	A chair wash was being run directly out to the stormwater system. Large amounts of soapy water washing hundreds of chairs multiple times a week for 2 years was being drained into the stormwater system. I stopped operation until further notice.
270	BUS-1969	Ecotech Innovations	Industrial (Light)	4	No		
272	BUS-1952	Landsburg Fish Passage	Industrial (Light)	2	No		
274	BUS-1903	Vashon Sheet Metal Inc	Industrial (Light)	1	No		
369	BUS-1992	Seattle Skeet & Trap Club	Industrial (Light)	1	No		
367	BUS-2010	Pacific Research Laboratories (Sawbones)	Industrial (Light)	2	No		
340	BUS-1921	City of Seattle Tolt Maintenance Shop	Industrial (Light)	2	No		
343	BUS-1923	Beck Pack Systems	Industrial (Light)	1	No		
513	BUS-1976	Issaquah Glass	Industrial (Light)	1	No		
128	BUS-2070	Former ODIN Brewing	Industrial (Light)	1	No		
127	BUS-999	Green Valley Meats & Mini Market	Industrial (Light)	7	No		
187	BUS-973	Business Park Building 3	Industrial Park	3	No		
216	BUS-1985	Clark Preston Properties	Industrial Park	1	No		
291	BUS-1993	Preston Mixed Commercial	Industrial Park	1	No		
384	BUS-2063	Sea King Industrial Park	Industrial Park	2	Yes	Letter Sent (Corrective Actions Required)	Letter sent to CBRE for corrections.
375	BUS-2062	South 93rd Business Park	Industrial Park	2	Yes	Letter Sent (Corrective Actions Required)	Letter was sent to Ms. Richman regarding the cleaning of the parking lot and labeling of stormwater drains.
307	BUS-2064	Preston Industrial Park	Industrial Park	1	No		
339	BUS-2066	Sea King Industrial Park	Industrial Park	2	Yes	Letter Sent (Corrective Actions Required)	Letter was sent to CBRE for corrections.
33	BUS-1922	Delta Business Park	Industrial Park	1	No		
47	BUS-195	Gentle Dental	Medical-Dental Office	3	No		
743	BUS-233	Velling Dental	Medical-Dental Office	2	No		
69	BUS-236	Irene S. Parkhill, DDS, PLLC	Medical-Dental Office	1	No		
113	BUS-364	White Center Chiropractic	Medical-Dental Office	2	No		
141	BUS-892	Vashon Natural Medicine	Medical-Dental Office	1	No		
	BUS-1067	Southwest Chiropractic Clinic	Medical-Dental Office	2	No		

630	BUS-2121	Reserve Silica Corp	Mining-Quarry-Ore Processing	4	Yes	Letter Sent (Corrective Actions Required)	A corrective action letter was sent to Mr. Fred White detailing the corrective action items and the time frame in which to complete them.
78	BUS-764	Upper Preston Mobile Home Park	Mobile Home Park	1	No		
185	BUS-1164	Preston Cemetery	Mortuary-Cemetery-Crematory	1	No		
195	BUS-1174	Carnation Cemetary	Mortuary-Cemetery-Crematory	1	No		
154	BUS-1267	Island Funeral Service	Mortuary-Cemetery-Crematory	4	No		
223	BUS-1909	Novelty Cemetary	Mortuary-Cemetery-Crematory	1	No		
261	BUS-1900	Fall City Cemetary	Mortuary-Cemetery-Crematory	1	No		
277	BUS-1942	Yarington's White Center Funeral Chapel	Mortuary-Cemetery-Crematory	2	No		
394	BUS-2042	Maple Valley Hobart Cemetery	Mortuary-Cemetery-Crematory	1	No		
108	BUS-865	Vashon Island Community Care	Nursing Home	3	No		
20	BUS-98	Edward Jones Investment	Office Building	1	No		
252	BUS-1929	Capstone Homes	Office Building	2	No		
258	BUS-1947	Gordon Construction	Office Building	1	No		
306	BUS-2060	KC Water District 119	Office Building	3	No		
181	BUS-1234	Argus Ranch Facility for Dogs	Park Private (Amuse Center, Pool)	2	No		
233	BUS-1913	Ellliston Park	Park Private (Amuse Center, Pool)	1	No		
214	BUS-1853	Cascara Gardens Park	Park Private (Amuse Center, Pool)	1	No		
217	BUS-2032	Redmond Ridge Div 2 Park	Park Private (Amuse Center, Pool)	1	No		
325	BUS-2025	Maple Hills Community Park	Park Private (Amuse Center, Pool)	1	No		
153	BUS-1027	Flaming Geyser State Park	Park Public (Zoo-Arbor)	1	No		
162	BUS-1185	Duvall Park	Park Public (Zoo-Arbor)	1	No		
167	BUS-1198	North Green River Park & Community Gardens	Park Public (Zoo-Arbor)	1	No		
171	BUS-1207	Northshore Athletic Fields	Park Public (Zoo-Arbor)	1	No		
176	BUS-1209	Mud Mtn Dam Park	Park Public (Zoo-Arbor)	3	No		
197	BUS-2022	Nolte State Park	Park Public (Zoo-Arbor)	1	No		
221	BUS-1938	Plum Boat Launch	Park Public (Zoo-Arbor)	1	No		
228	BUS-1912	South King County Ballfields	Park Public (Zoo-Arbor)	1	No		
265	BUS-2045	Flaming Geyser Natural Area	Park Public (Zoo-Arbor)	1	No		
288	BUS-2014	Federation Forest State Park	Park Public (Zoo-Arbor)	1	No		
331	BUS-2012	Lake Desire Access & Pier	Park Public (Zoo-Arbor)	2	Yes	Letter Sent (Corrective Actions Required)	A letter was sent to Derek Hacker at the Washington Department of Fish and Wildlife Game Department. This letter lists the two action items needed for this property.
18	BUS-33	SP+ Transporation	Parking Lot (Associated or Commercial)	2	No		
26	BUS-46	Fun Wheels Et Park Storage	Parking Lot (Associated or Commercial)	1	No		
222	BUS-2041	King County Lake Geneva Parking area	Parking Lot (Associated or Commercial)	1	No		
249	BUS-1978	White Center Parking Lot	Parking Lot (Associated or Commercial)	3	No		
285	BUS-1916	Formerly Skaar Storage Yard	Parking Lot (Associated or Commercial)	1	No		
255	BUS-2038	Redmond Watershed Preserve Parking Lot	Parking Lot (Associated or Commercial)	1	No		
355	BUS-2016	Little Si Trailhead	Parking Lot (Associated or Commercial)	1	No		
362	BUS-1893	Preston Community Center Parking	Parking Lot (Associated or Commercial)	1	No		
393	BUS-1955	Reminlger Farms Parking Lot	Parking Lot (Associated or Commercial)	2	No		
130	BUS-920	Camp Gilead	Resort-Lodge-Retreat	3	No		
114	BUS-1041	Lake Retreat Camp & Conference Center	Resort-Lodge-Retreat	2	No		
248	BUS-1874	Washington Alpine Club	Resort-Lodge-Retreat	1	No		
332	BUS-2018	Mountain Crest Memorial Park & Event Center	Resort-Lodge-Retreat	1	No		
101	BUS-603	Taqueria El Rincon	Restaurant(Fast Food)	2	No		
335	BUS-1901	Rooster Cafe and Bakery	Restaurant(Fast Food)	1	No		
330	BUS-1906	Fairwood Starbucks et al	Restaurant(Fast Food)	1	No		
38	BUS-210	White Center Pizza and Spaghetti House	Restaurant-Lounge	1	No		
649	BUS-224	Viva Mexico	Restaurant-Lounge	2	No		
46	BUS-230	Salvadorean Bakery and Restaurant Inc	Restaurant-Lounge	5	No		
51	BUS-258	Timber Creek	Retail Store	1	No		
611	BUS-605	NUTONE DRY CLEANER	Retail Store	1	No		
203	BUS-1988	Pink Daisy (Nelson Treehouse and Supply)	Retail Store	1	No		
236	BUS-2001	Euphorium 420	Retail Store	5	No		
211	BUS-1991	La Brisas Boutique	Retail Store	1	No		
363	BUS-1875	Exceptional Real Estate Group	Retail Store	1	No		
372	BUS-1958	A Matter of Style	Retail Store	1	No		
578	BUS-2095	Family Dry Cleaners	Retail Store	1	No		
87	BUS-819	Maple Hills Elementary School	School	2	No		
93	BUS-821	Lake View Elementary School	School	2	No		
97	BUS-824	West Wood Elementary	School	1	No		
766	BUS-851	Evergreen Junior High School	School	2	No		
122	BUS-914	Dennis R Craig Construction(Former)	School	1	No		
297	BUS-1928	Emily Dickinson Elementary	School	3	No		
388	BUS-1902	Cedar River Elementary School	School	1	No		
250	BUS-2069	May Valley Service Center	Service Building	2	No		
296	BUS-1915	KC Fire Dist 50, Baring Station	Service Building	1	No		
390	BUS-1944	Redmond Ridge Golf Maintenance Bldg	Service Building	4	No		
56	BUS-628	Road Bear RV Sales	Terminal (Auto-Bus-Other)	1	No		
186	BUS-1235	AT&T building	Utility (Radio-T.V.)	1	No		
194	BUS-1842	AT&T site	Utility (Radio-T.V.)	1	No		
34	BUS-60	Fall City Water District	Utility Yard	1	No		
139	BUS-961	King County Water District 90	Utility Yard	1	No		
149	BUS-963	Union Hill Water Association	Utility Yard	1	No		
111	BUS-992	Woodinville Water District	Utility Yard	1	Yes	Letter Sent (Corrective Actions Required)	
173	BUS-2054	Sewer Lift Station	Utility Yard	1	No		
183	BUS-2051	PSE Gas Pipeline Substation	Utility Yard	1	No		
182	BUS-2030	KC Water District 19	Utility Yard	1	No		
251	BUS-2015	Woodinville Water District	Utility Yard	3	No		
237	BUS-2049	Lakehaven Utility	Utility Yard	1	No		
206	BUS-1989	Tolt Regulating Basin	Utility Yard	1	No		
379	BUS-2028	Redmond Road Power Line	Utility Yard	1	No		
382	BUS-1925	Alpental Road Utility Building	Utility Yard	1	No		
361	BUS-2002	Vashon Water Dist 19	Utility Yard	1	Yes	Letter Sent (Corrective Actions Required)	Letter lists corrective action items and a number to call Dept. of Health for technical assistance on pond overflows.
342	BUS-1968	Skyway Water & Sewer Dist	Utility Yard	2	No		
317	BUS-1907	Tolt Treatment Plant	Utility Yard	1	No		
118	BUS-899	Camp Colvos Brewing Taproom	Vacant	2	No		
298	BUS-1889	North Bend Industrial Property	Vacant	1	No		
264	BUS-1885	Former Pawn Pros	Vacant	1	No		
303	BUS-2029	Formerly PRESCO Telecommunications	Vacant	1	No		
292	BUS-1880	Former Rainier Wood Recyclers	Vacant	1	No		
328	BUS-1873	FormerFletcher Distributing & Recycling	Vacant	1	No		
7	BUS-25	Performance Apex Ltd	Vehicle Repair	2	No		
44	BUS-141	Special Interest Towing	Vehicle Repair	2	Yes	Letter Sent (Corrective Actions Required)	
5	BUS-214	Spencer's Automotive & Shell	Vehicle Repair	3	Yes	Letter Sent (Corrective Actions Required)	
524	BUS-234	Absolute German Autowrecking	Vehicle Repair	1	No		
61	BUS-488	Honest Auto Care	Vehicle Repair	1	No		
129	BUS-952	Ring Hill Motors	Vehicle Repair	2	No		
741	BUS-1097	Heiser Body Co., LLC	Vehicle Repair	2	No		
184	BUS-1296	Truck Performance Northwest	Vehicle Repair	1	No		
278	BUS-2068	T-Zero Racing Inc	Vehicle Repair	1	No		
283	BUS-1997	Performance Colors	Vehicle Repair	1	No		
293	BUS-1946	Auto Repair	Vehicle Repair	4	No		
740	BUS-2133	Wild Bill's Body Works	Vehicle Repair	1	No		
326	BUS-1974	Fall City Trading Post	Vehicle Sales/Rental	1	No		
744	BUS-36	ANIMAL CLINIC of Roxbury	Vet-Animal Control Service	2	No		
45	BUS-215	Cascade Kennels	Vet-Animal Control Service	1	No		
57	BUS-355	Kindness Veterinary	Vet-Animal Control Service	1	No		
74	BUS-369	South Seattle Veterinary Hospital	Vet-Animal Control Service	2	No		
86	BUS-526	Snoqualmie Valley Animal Hospital	Vet-Animal Control Service	1	No		
119	BUS-1048	Woodinville Animal Hospital	Vet-Animal Control Service	3	No		
373	BUS-1953	Tokul Creek Hatchery	Vet-Animal Control Service	1	No		
22	BUS-41	Aero-Lac	Warehouse	5	No		
573	BUS-50	BUDGET AUTO WRECKING	Warehouse	1	No		
175	BUS-1156	KING COUNTY FIRE DIST #47	Warehouse	1	No		
304	BUS-2065	Fall City Warehouse	Warehouse	1	No		
344	BUS-1943	J-S Contracting	Warehouse	1	No		

Annual Report Question 50a and 51a

S5.C.9.c.i Cite field screening methodology used in the Comments field.

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c. Each Permittee shall implement an ongoing program designed to detect and identify non-stormwater discharges and illicit connections into the Permittee's MS4. The program shall include the following components:

i. Procedures for conducting investigations of the Permittees MS4, including field screening and methods for identifying potential sources. These procedures may also include source control inspections.

The Permittee shall implement a field screening methodology appropriate to the characteristics of the MS4 and water quality concerns. Screening for illicit connections may be conducted using the Illicit Connection and Illicit Discharge Field Screening and Source Tracing Guidance Manual (Herrera Environmental Consultants, Inc., May 2013.); or another method of comparable or improved effectiveness. The Permittee shall document the field screening methodology in the Annual Report.

(a) Each Permittee shall implement an ongoing field screening program of, on average, 12% of the Permittee's known MS4 each year. Permittees shall annually track the total percentage of the MS4 screened beginning August 1, 2019.

King County Stormwater Services (SWSS) conducts screening for illicit connections using its in-house 2010 Illicit Connection and Illicit Connection/Illicit Discharge Sampling and Analysis Plan (currently being updated in early 2020 to document refinements and improvements). Some information from the Washington State Illicit Discharge Field Screening and Source Tracing Guidance Manual (Herrera, May 2013) has proved useful.

SWSS will conduct a Conveyance Screening Program (CSP) in 2020 to check known stormwater system links (these are features where stormwater leaves the County's jurisdiction, including discharge points and outfalls) and other system connections for dry weather flow and other evidence of non-permitted substances, using these as indicators of possible illicit discharge. At least 12 percent of known, mapped locations where stormwater leaves the County's MS4 will be inspected for evidence of illicit connections/illicit discharges (IC/ID) under the CSP program. MS4 locations identified for further investigation will trigger follow-up *in situ* field screening to further assess the likelihood of IC/ID.

King County uses "links" (outfalls and discharge points) as discrete locations within the MS4 to inspect for evidence of illicit connections or illicit discharges (IC/ID). Field inspectors follow our Conveyance Screening Program (CSP) protocol when inspecting links, which are typically pipe outfalls or pipe inets or outlets into catch basins. Field inspectors rely on eyeball-nose reconnaissance when following CSP procedures.

All links inspected are photographed; all photos and inspection notes are entered into an ArcGIS-based system which is linked to our geodatabase and stormwater map. All non-stormwater flows found during CSP are flagged for eventual re-visiting, to examine using in-situ readings (fluoride measurements in areas served by fluoridated water systems; pH, temp, and specific conductance), our in-house testing for *E. coli* using Coliscans© Easygels©, and, if warranted, further lab sampling and analysis.

In 2020, the CSP will include heavy emphasis in the Puyallup-White River, Bear/Evans Creek and Issaquah Creek drainage basins, folding into SWSS's planned work in these FC TMDL basins.

Illicit Connection and Illicit Discharge Field Screening and Source Tracing

Field screening methodology used by SWSS for illicit discharge investigating is based on guidance contained in Pitt's 2004 IDDE manual issued by the Center for Watershed Protection and the 2013 IC/IDDE manual issued by

the Wash. State Dept. of Ecology, under a grant managed by King County, working with Herrera. Additionally, information and techniques that King County has acquired through years of IC/ID experience inform our approaches. The IDDE SAP developed in 2010, and subsequent experience to date, informs our IC/ID approach for many kinds of illicit discharge materials and mechanisms. The work plans recently developed for Bear-Evans, Issaquah Creek and Puyallup-White FC TMDLs also describe our bacteria source screening approaches.

58 S5.C.9.g Attach a report with data describing the actions taken to characterize, trace, and eliminate each illicit discharge reported to, or investigated by, the permittee as described in S5.C.9.g.

Summary totals	
Unique Incidents	**57**
Revisits to incidents	29
Total Visits	86
DOT	**22**
Total Incidents	**79**

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
1	King County	WAR044501	888	8/16/2019 15:16	8/19/2019 12:00		ERTS referral	Ground	47.33657239	-122.279796	4304 S 296th Pl	King County	98001	I did not see or find any sign of gasoline being dumped onto the property. Based on the	Other	Homeowner product application.	Pesticide or Herbicide-Household or Industrial Chemicals	Mr. Hollingsworth is using home products as pesticide and spraying them on his weeds. He	Not applicable			I met with Mr. Hollingsworth and had a lengthy discussion where he denied laughingly several times that any gasoline or harsh chemical is being poured, dumped, or otherwise disposed of on his property. He cites a very concerned neighbor that reports anything and everything. Mr. Hollingsworth believes it was him who reported the dumping. Mr. Hollingsworth told me exactly what he uses but could not
2	King County	WAR044502	1144	9/19/2019 12:00	9/19/2019 12:00		Staff referral		47.48977559	-122.120665	12620 164TH AVE SE	Renton	98059								Enforcement	
3	King County	WAR044503	1175	12/4/2019 12:00	12/4/2019 12:00		Staff referral	Unknown	47.51557883	-122.355589	1600 SW 98th St				Vehicle Related	Leaking RV	Sewage		Visual observation	Colidscan		HIgh coliscan results from leaking RV
4	King County	WAR044504	1176	12/4/2019 16:42	12/4/2019 16:42		Pollution hotline (phone, web, app)	Other	47.52053982	-121.849194	8808 372nd Pl SE	Snoqualmie	98065		Construction Activity		Sediment		Visual observation			Turbid creek water traced upstream to WSDOT crew cleaning storm pond. Ordered to cease operations.
5	King County	WAR044505	1185	1/16/2019 0:00	1/16/2019 0:00		Other agency referral	No Discharge Observed	47.27834024	-122.296864	36030 28th Ave S	Federal Way	98003		Not Identified		None Identified		Visual observation			See activity sheet in attachments
6	King County	WAR044506	1186	1/15/2019 0:00	1/15/2019 0:00		Direct report to your staff	No Discharge Observed	47.42979483	-122.110359	17233 SE 192nd Dr	Renton	98058		Not Identified		None Identified		Visual observation			No Problem found. See activity log and report for details.
7	King County	WAR044507	678	6/11/2019 13:15	6/11/2019 13:15		Staff referral	Ground	47.4964795	-122.24615	11819 RENTON AVE S	Seattle	98178	less than a pint.	Spill		Cooking Oil	Used cooking oil spilled on top of and around the used cooking oil container.	Visual observation			Observed the spilled grease on the used cooking oil container. The business was closed (their new summer hours are that they open at 4pm). Will follow up with Robin, the manager, via email.
8	King County	WAR044508	988	8/22/2019 12:00	8/22/2019 12:00		Staff referral	King County MS4	47.48977559	-122.120665	12620 164TH AVE SE	Renton	98059		Failing Septic		Sewage		Visual observation-Smell or odor-Indicator Testing		Enforcement	See attached report
9	King County	WAR044509	1240	12/27/2019 9:30	12/27/2019 9:30		Staff referral	Private Stormwater System	47.70525306	-122.092955	11807 Avondale Rd NE	Redmond	98052		Improper Business Practices		Other	The stockpiles onsite might be leaching nutrients, causing the water that sheet flows off of them to be a brown tint.	Visual observation			The business recently bought a sweeper to keep the debris swept off their paved areas. We encouraged them to use it often, especially before rain storms. Cameron encouraged Corey to keep a log of when they sweep. Cameron will continue to monitor this area and see if we still see turbid water in downstream County-owned storm drains.
10	King County	WAR044510	768	5/1/2019 9:49	7/2/2019 16:00		Other agency referral	No Discharge Observed	47.52239645	-121.846317	372nd Pl SE & SE 86th St	King County	98065	Discharge appears to have ceased.	Improper Business Practices		None Identified		Visual observation			This was the final visit to the site to verify that the implemented BMP's in the private drainage ditch have indeed captured any remaining contaminants leaving the site. It appears as though the private ditch line is no longer carrying contaminants and what may have lingered was captured by the three part BMP system of absorbent booms. The absorbent materials placed in KC ROW were removed by KC DOT staff but a couple of them were still in place downstream. I removed them and disposed of them appropriately. I will write a compliance letter where I will state that the BMP's placed by Roadtek can now be removed and monitoring of the site can cease. This ends the investigation and the file can *

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	Jurisdiction	PermitNumber	IncidentID	DateReported	DateResponseBegin	DateResponseEnd	Discovered	Discharge	Lat	Long	Address	City	Zipcode	DischargeExplain	Sources	SourceExplain	Pollutants	PollutantExplain	Traces	SourceTraceExplain	Corrections	Notes
11	King County	WAR044511	680	6/18/2019 13:00	6/18/2019 13:00		Staff referral	King County MS4	47.34895862	-121.993051	28131 BLACK DIAMOND RAVENSDALE RD	Ravensdale	98051	20 gallons a day of active wheel washing (est. 8hr day)	Structural BMP Failure	The wheel wash BMP's are not being maintained and are resulting in this failure.	Vehicle Oil or lubricant	The discharge is turbid water overflowing from a commercial wheel wash carrying oils and sediment to the roadside ditch.	Visual observation			During a one hour visit I observed about 10 large commercial dump trucks drive through the wheel wash causing a considerable amount of turbid water carrying oils and sediment down the drive surface and directly into the roadside ditch. I walked the ditch and there was no water found a couple hundred feet up from the discharge point. This indicates the primary source of water in this ditch is the wheel wash. Fred was asked to develop a new system for keeping the water on site and maintaining it so that future discharges do not occur. The current system recycles the water through a ditch and pump system holding water in a small pond by the pump. The wheel wash is constantly spraying water ove*
12	King County	WAR044512	1195	12/5/2019 11:41	12/5/2019 15:19		Pollution hotline (phone, web, app)	King County MS4	47.72172933	-122.085147	19060 NE 136th St	King County	98077		Not Identified		None Identified	Iron oxide bacteria	Visual observation			No problem found Iron oxide reducing bacteria
13	King County	WAR044513	1196	12/2/2019 12:00	12/2/2019 12:00		Staff referral	King County MS4	47.48981835	-122.120696	12620 164TH AVE SE	Renton	98059		Not Identified		Solid Waste	Food waste observed in SNS-7600. Fluoridated water measured in CLO-146436.	Visual observation		Enforcement	See attached report
14	King County	WAR044514	1210	12/11/2019 12:07	12/12/2019 12:00		ERTS referral	Ground	47.47409293	-121.707527	Middle Fork Road Vehicle Leak				Vehicle Related		Vehicle Oil or lubricant		Visual observation			On Wednesday 12/11 I investigated ERTS 694862. Diesel Spill along Middle fork Road from approx Valley Camp (496th) to 468th ave se in North Bend. Spill was intermittent and observed mostly on west bound uphill sections of Middle Fork road. On site met Scott Ling, coordinating KC Roads crew sand and sweep. I did not observe any sheen beyond east junction of lake Dorothy rd towards mailbox trail-head. Sheen began 48970-49010 middle fork road, I left door hangers with my card.

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
15	King County	WAR044515	1106	11/1/2019 9:00	11/1/2019 9:00		Other agency referral	Ground	47.31065233	-122.143748	32420 148TH AVE SE	Auburn	98092	The rinse water from rinsing the tile and granite is discharged to the ground. Previously it went under the fence on the north end of the property. Now the business has dug a ditch and a pit onsite to route the water in to infiltrate onsite.	Improper Business Practices	The business rinses the granite and stone and the rinse water was discharging offsite. They have re-routed the discharge now so it infiltrates onsite. I told them to monitor the infiltration area to ensure the fines don't blind off the sediment.	Sediment	The rinse water does not have any oils or soaps. The discharge from rinsing the stone just is water and stone sediment. The fines settle out on the ground. They will remove the sediment in the pit as needed.	Visual observation			Mike said they rinse the stone about once a week, before it goes off to a job. The rinsing is done inside. There is a trench under the rinse table that collects fines. They remove the sediment from this trench drain once a week and put it in the dumpster.
16	King County	WAR044516	1211	12/4/2019 15:33	12/12/2019 12:00		Staff referral	No Discharge Observed	47.51557883	-122.355589	1600 SW 98th St				Not Identified		None Identified	No pollutants observed during this visit (during rain event).	Visual observation			Alison, Bob, and I visually observed the RV during a rain event on 12/12/19. The RV was located on the south side of SW 98th St, adjacent to the parking lot behind Beer Star. No puddles or discharges from the RV were observed during this visit.
17	King County	WAR044517	1139	11/12/2019 12:00	11/12/2019 12:00		Staff referral	King County MS4	47.44754169	-122.1426	17124 151ST AVE SE	Renton	98058		Not Identified		None Identified		Visual observation-Smell or odor-Indicator Testing			See attached Word doc report
18	King County	WAR044518	1013	9/9/2019 16:49	9/13/2019 7:45		Other agency referral	No Discharge Observed	47.69901456	-122.025246	23515 NE NOVELTY HILL RD	Redmond	98053	Unknown	Not Identified	No pollutant source observed	None Identified	No pollutants observed	Not applicable			We received a complaint from City or Redmond that they received a call about this business washing their sidewalk in front of their store front into the storm drain. I talked with the husband and wife that own this business. The wife, Ester Choi, explained that they clean off the bird poop on the sidewalk with just water. I advised that they use dry methods where feasible and explained that they can't wash the poop into the storm drain. There is a landscaped area in front of their store and I suggested they wash the bird poop into that area. I recommend they use as little water as possible.
19	King County	WAR044519	1172	10/7/2019 15:59	10/23/2019 0:00		Staff referral	Private Stormwater System	47.48890526	-122.120422	16430 SE 128th St	Renton	98059		Improper Business Practices		Solid Waste	Food waste	Visual observation			Drive by inspection to confirm material removed from catchbasins. Date estimated
20	King County	WAR044520	1173	12/3/2019 23:00	12/3/2019 23:00		Staff referral	King County MS4	47.48889903	-122.12054	16430 SE 128th St	Renton	98059		Improper Business Practices		Cooking Oil	Food waste,	Visual observation			Slight evidence of continued poor grease and food waste handling outside the Metropolitan Banquet Hall. Given pending enforcement action, no further action at this point.

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
21	King County	WAR044521	1197	12/6/2019 11:39	12/6/2019 11:39		Other agency referral	No Discharge Observed	47.7436702	-122.146317	MATTHEWS CELLARS				Improper Business Practices		Cooking Oil	Oil sheen in CB leading to gray water tank just to the west of entranc. Valve box fulll of dirt.	Visual observation			Cynthia, Abby, Bob and David Christensen from Public Health met on site. Discovered white 4" PVC pipe hidden under rocks above culvert to the north of the driveway. No discharge occurring, no odor according to David. No catch basins oberved in parking area - sheet flow only.Flow in ditch relatively clear. Walked down parking area to drainfield below B& B. No obvious signs of field failure but didn't walk on field. 4' valve wrench behind shrub west of door. Owner requested that we return when she was on site.
22	King County	WAR044522	1205	12/12/2019 10:30	12/12/2019 10:30		Staff referral	King County MS4	47.51531371	-122.355559	9801 16th Ave SW			Team was onsite during a rain event. The 2" pipe discharged at least four times while we were onsite. Pipe likely discharged approximately several gallons of water each time. As it was raining, this discharge appeared to be rain water.	Not Identified		None Identified	Discharge appeared to be rain water (it was raining while we were onsite). No visual contamination and no odor detected in the discharge from the 2" pipe, the King County CB collecting that discharge, or the first upstream catch basin from the 2" pipe (CB containing the pump)	Visual observation-Smell or odor			No visual signs of contamination and no odor detected in the discharge from the 2"" pipe or the CBs under the deck. Suds (but no odor) observed in the CB at the bottom of the ramp. Discharge from 2"" pipe appeared to be rain water (investigation conducted during rain event).
23	King County	WAR044523	1145	9/26/2019 0:00	9/26/2019 0:00		Staff referral	No Discharge Observed	47.48889903	-122.12054	12620 164TH AVE SE	Renton	98059		Not Identified		None identified		Not applicable		Enforcement	See attached report
24	King County	WAR044524	1146	8/6/2019 14:57	10/7/2019 0:00		Staff referral	King County MS4	47.48977559	-122.120665	12620 164TH AVE SE	Renton	98059		Improper Business Practices		Solid Waste	Food waste (tomato sauce)	Visual observation-Smell or odor-Indicator Testing		Enforcement	See attached report

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
25	King County	WAR044525	1071	10/15/2019 14:00	10/15/2019 14:00		Pollution hotline (phone, web, app)	No Discharge Observed	47.73890119	-122.086348	15399 189th Ave NE	King County	98072	There appeared to be no discernable discharges in the system.	Failing Septic	Based on conversations with Cameron in the Water Quality Compliance Unit the area has a series of on site septic as well as shared septic systems throughout this neighborhood. This is an assumption as to where a possible sewage related issue could originate.	None Identified	The report was for the smell of sewage in the cul-de-sac especially from one catch basin. I smelled no sewage and saw no indication of sewage entering the catch basins.	Visual observation-Smell or odor-Further inspection or reconnaissance			I arrived on site around 2:00PM to investigate the smell of sewage coming from the catch basin. I drove in with the windows down and drove slowly around the block trying to indicate the smell of sewage. I did not notice anything. When I walked the cul-se-sac I was also not detecting the smell of sewage. I inspected the catch basins and found no flow through the system. The water had some sediment and needles and other materials but nothing indicating sewage or foul/rancid water. There was a minimal amount of standing water in the 12"" cross pipe connecting cb's. I sampled this water as well as the sumps in both cb's. I will await the results of the coli-scan samples.
26	King County	WAR044526	1138		12/2/2019 12:00		MS4 inspection or screening	No Discharge Observed	47.50028221	-122.12246	16341 SE RENTON ISSAQUAH RD	Renton	98059		Not Identified		None Identified		Visual observation-Smell or odor-Indicator Testing			Edward McFarlin briefly visited the area after sampling at Briarwood. I only looked at catch basin SNS-68154 on the NE corner of SR-900 and 164th Ave SE. There was no perceptible flow, just standing water in the sump. The water looked mostly clear in the bailer cup (though somewhat turbid and grey in the sump). There was no obvious odor. The in situ field measurements/readings and Coliscan sample result were all at levels that would not indicate that there is a problem here. Escherichia coli: less than MDL (Coliscan Easygel) Water temperature: 8.24 C pH: 7.93 Specific conductance: 66.1 microS/cm Fluoride: 0.2 mg/L
27	King County	WAR044527	1147	10/21/2019 0:00	10/21/2019 0:00		Staff referral		47.48977559	-122.120665	12620 164TH AVE SE	Renton	98059		Not Identified		None idetnified		Visual observation-Smell or odor-Indicator Testing		Enforcement	See attached report
28	King County	WAR044528	1154	10/10/2019 12:00	10/10/2019 12:00		Staff referral	King County MS4	47.48889903	-122.12054	12620 164TH AVE SE	Renton	98059		Improper Business Practices		Solid Waste	Food waste (tomato sauce)	Visual observation-Smell or odor		Enforcement	Edward McFarlin visited 1079610020 to make sure the food waste was cleaned up. There was no food waste or evidence of food waste in the system so it is assumed that it was cleaned up. In the property to the north CLO-146436 was flowing pretty heavily (~6-7 gpm) into SNS-66982.

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
29	King County	WAR044529	1221	12/18/2019 14:04	12/18/2019 16:30		Pollution hotline (phone, web, app)	King County MS4	0	0	4302 S. 300th St	Federal Way	98001	1-2 liter	Other	Illicit dumping	Other	Unidentified white powder without odor. Possibly corn meal or flour.	Visual observation			Unidentified white powder observed caked around catch basin grate. Water inside CB was stained white with a large amount of floc visible at the bottom of the sump. No odor was discernible. Possibly corn starch or flour. When questioned, the adjacent residents stated that they were unaware of any recent dumping. Due to the heavy rainfall predicted that night (> 1"), it was determined by Cynthia Hickey that vactor removal was not feasible.
30	King County	WAR044530	1153	11/18/2019 10:30	11/18/2019 10:30		Pollution hotline (phone, web, app)	Unknown	47.51751656	-122.324222	9587 8TH AVE S	Seattle	98108	No discharge of burring water observed while onsite.	Not Identified		None Identified	Robert showed us the tumblers outside. They are under a tent. After the tumbling process they dump the water into trash cans, which were on a wooden pallet outside. Ben suggested they get secondary containment for the trash cans.	Visual observation-Other	We went into the alley on the east side of the building and inspected the two storm drains. The northern drain in the alley has a pipe coming from the west but there was a tightlined downspout near the drain so that western pipe in the CB was likely from the downspout. The middle		We could not find an illicit connection onsite and therefore are presuming the drain inside is connected to the sanitary sewer. Ben said he talked to Robert, the property owner, about properly disposing of the deburr water. Robert said he did not believe employees were dumping the deburr water into the CB. He has the drains cleaned annually and he said the vendor would tell him if anything unusual was in the drains. Robert said he also does an annual inspection onsite and hasn't seen any dumping into the storm drains.
31	King County	WAR044531	1519	12/20/2019 10:02	12/20/2019 12:00		Pollution hotline (phone, web, app)	Ground	47.48270966	-122.063743	20720 SE May Valley Rd	Issaquah	98027		Not Identified	High water. Flooded facilities	None identified	unable to identify	Not applicable			Very heavy rain caused nearby creek and pond to overflow. highwater washed through firestation and into roadside ditch. Septic Drain field was saturated. Septic tank access hatches were underwater. Firestation reported back water from floor drains. I did not observe any obvious sewage. I attempted to report to dept of public health but no one was interested or available. Overflowing roadside ditch crossed May Valley road and continued through private property. Event related to Engineering review 442.
32	King County	WAR044532	1050	10/3/2019 14:48	10/3/2019 14:48		Pollution hotline (phone, web, app)	No Discharge Observed	47.71233699	-122.017038	12783 Adair Creek Way NE				Not Identified		None Identified		Not applicable			Reported Algae bloom appears to actually be minuscule floating aquatic vegetation, likely of the water meal (Wolffia) genus. Native species and not a threat to public health.
33	King County	WAR044533	1051	10/2/2019 12:00	10/2/2019 12:00		Staff referral	King County MS4	47.47997914	-122.105373	7230100480	Renton	98059		Not Identified		None Identified		Not applicable			I did not detect any odor or identify anything suspicious in the ditch-line or connecting pipes. I did not take a sample.

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
34	King County	WAR044534	1217	12/4/2019 15:02	12/9/2019 12:00		Other agency referral	No Discharge Observed	47.4013158	-122.158439	13607 SE 224th St	King County	98042		Other	Encampment on residential property upstream of King County park/Soos Creek. No septic system or sewer connection at encampment.	None Identified		Visual observation			Abby and Bob walked along the east edge of the property (on the King County property side, along the trail) with Shawn Gilbertson (Environmental Supervisor, City of Kent). There are multiple RVs/trailers/boats/vehicles on the residential property. Accordin
35	King County	WAR044535	1108	11/1/2019 11:30	11/1/2019 11:30		Pollution hotline (phone, web, app)	Unknown	47.51722828	-122.323512	720 S 96th St	Seattle	98108	It isn't clear where the deburr water is discharged to. No illicit connection observed in the storm drain in this business' parking lot. Pete said they discharge about 5 gallons of deburr water per day when they are using the equipment. He didn't specify how often they use the equipment.	Other	Still trying to determine if the deburr water is entering the storm drains in any way (through dumping or an illicit connection).	Other	Deburr water	Visual observation			Joint visit with Ben Billick (water quality) and Megan Hillyard (hazardous waste) from Ecology. Met with Pete Richards. He said they dump the deburr water into a storm drain inside the building. He said that drain goes to the sewer. He said they collect the solids in that drain, put it in a barrel, and twice a year they bring the barrel of solids to the KC Hazardous Waste Drop Off Site. We asked to see the equipment and barrel and he quickly told us we need to leave and should make appointments to see him because he is very busy right now.
36	King County	WAR044536	589		5/15/2019 8:00		Pollution hotline (phone, web, app)	King County MS4	47.28838351	-122.279221	4409 S 349TH ST		98001	Several bags worth of beads were released from the property and discharged with several gallons of water.	Other	Unidentified pipe discharge from 4409 property.	Other	Pollutant material is unknown at this time. Will need to talk with the homeowner to gain more information. Working from the idea that it may be fertilizer at this time.	Visual observation-Map analysis-Further inspection or reconnaissance			I started my investigation at the driveway of 4409 S 349th St and noted some more of the styrofoam beads in the dirt/grass areas of the property. There was minimal amounts of the beads along the side of the ROW leading to the first downstream catch basin. I found materials in all catch basins and pipes around the intersection of S 349th St and 42nd Ave S. and a few basins heading W on 42nd Ave. S. The heaviest concentration of materials was found in CB SNS-7762. I continued down to 41st Pl S where the drainage eventually ends up. There was materials present in the private system there as well. The private drainage does not drain to the King County Drainage facility D93035 but outlets to a *

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
37	King County	WAR044537	752	12/3/2019 16:53	7/8/2019 13:35		Staff referral	Ground	47.4964795	-122.24615	8808 372nd Pl SE	Snoqualmie	98065	less than a pint.	Spill		Cooking Oil	Used cooking oil spilled on top of and around the used cooking oil container.	Visual observation			The spilled grease on the spent cooking oil container has been cleaned up.
38	King County	WAR044538	574	5/7/2019 16:47	5/2/2019 0:00		Staff referral	King County MS4	47.5276432	-122.315579	8442 Dallas Ave S	Seattle	98108		Improper Business Practices		Soap/Detergent		Visual observation-Smell or odor			I was performing a drainage complaint at 8442 Dallas Ave S (parcel 2185001045.) During my inspection I witnessed a young man dumping a bucket of wash water into a catch basin (asset ID 2213.) He was working at El Buen Sabor, a food truck parked in this lot
39	King County	WAR044539	555	4/29/2019 14:17	5/2/2019 12:00		Other agency referral	Ground	47.43493702	-122.464258	18846 103rd Ave SW	King County	98070	Unknown exact quantity, but Layne said they would discharge out of their tank trucker, which likely could contain around 1,000 gallons. Layne said they probably discharged to the ditch every 3-4 weeks (unknown when that started). But when the tanker was discharged	Improper Business Practices		Other	Liquid whey, an byproduct of making tofu, is put into a tanker truck and hauled offsite to farms for disposal.	Visual observation-Further inspection or reconnaissance			Layne admitted that they use to dump their whey product into a ditch on the NE end of the site when the whey was too hot to bring to farms. They now have a poly tank on site that will be used to store this liquid whey until it is cool enough. They had issues with a leaking tanker truck in 2015. The leaky truck use to part on the east side of the lot and discharge to a different ditch on the SE end. They've since gotten a new tanker truck and it doesn't leak. Vashon Bioenergy is now onsite. They are going to take all of the liquid and solid waste from Island Springs and make natural gas. They will still have their KCIW permit because that is for their floor drains.
40	King County	WAR044540	613	4/29/2019 14:17	5/21/2019 11:00		Other agency referral	No Discharge Observed	47.43493702	-122.464258	18846 103rd Ave SW	King County	98070		None Identified		None Identified		Visual observation			Stopped by the roadside ditch on Vashon Highway SW in front of 18913 VASHON HWY SW. The ditch had flowing clean water running through it. The pipes in the ditch on the south end the parcel at 18913 VASHON HWY SW did not have any water or liquids coming out of them. No brown water observed in the ditch. No additional maintenance required in roadside ditch.
41	King County	WAR044541	1193	9/20/2019 14:24	9/20/2019 0:00		Pollution hotline (phone, web, app)	King County MS4	47.71137043	-122.134155	NE 124th St just west of Redmond-Woodinville Rd	redmond	98052		Improper Business Practices		Sediment		Visual observation		Education/technical assistance	See Nigel's report
42	King County	WAR044542	1194	12/3/2019 16:53	12/4/2019 0:00		ERTS referral		47.52125106	-121.849339	8808 372nd Pl SE	Snoqualmie	98065		Other	WSDOT Drainage pond	Sediment		Visual observation			Traced source to WSDOT improperly cleaning out a pond of theirs an dsicharging to Coal Creek.

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
43	King County	WAR044543	590		5/16/2019 7:45		Pollution hotline (phone, web, app)	King County MS4	47.28838351	-122.279221	4409 S 349TH ST		98001	Several bags of Hydrofoam beads were released from the property and discharged with several gallons of water.	Other	Pond filter tank overflow pipe discharge from 4409 property.	Other	Pollutant material is used in Koi Fish pond filter tanks to purify the water for the pond. The material is a styrofoam bead used for absorbing the impurities in the pond. The styrofoam is non-toxic and is not filtering hazardous materials. However, the material is a concern for micro-plastic/styro	Visual observation-Map analysis-Further inspection or reconnaissance			Tony offered me with information about the issue and we discussed what he needs to do going forwards. He will be installing some sort of mosquito netting around the end of this pipe so that in the event of another blowout the beads will be trapped by the netting but water will still flow out. Additionally, Tony will work to disconnect the current pipe outlet and discharge flows to somewhere on his property. I said I would be glad to provide technical assistance if he wanted it when working on this project.
44	King County	WAR044544	602	5/1/2019 9:49	5/17/2019 10:00		Other agency referral	No Discharge Observed	47.52239645	-121.846317	372nd Pl SE & SE 86th St	King County	98065	Discharge appears to have ceased.	Improper Business Practices		None Identified	Found only Iron-Oxide reducing bacteria present in the runoff at this time.	Visual observation			Site was visited by myself, Cynthia Hickey, Gerry Scalzo (SHRM Rep.), and Kerry Clark. Kerry provided us with information on how the problem occurred. In this case there should have been some precautions taken by staff to ensure the emulsion product was applied properly. Kerry explained how the product is now set and not actively polluting. Cynthia and I were concerned because some spots on the surface shined incandescently as if petroleum product was actively leaching. This appears to be a seep of ground water in various places with evidence of Iron-Oxide reducing bacteria. The product was no longer leaching or polluting. Roadtek and SHRM are to implement BMP's through June, monitor/replac*

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	Jurisdiction	PermitNumber	IncidentID	DateReported	DateResponseBegin	DateResponseEnd	Discovered	Discharge	Lat	Long	Address	City	Zipcode	DischargeExplain	Sources	SourceExplain	Pollutants	PollutantExplain	Traces	SourceTraceExplain	Corrections	Notes
45	King County	WAR044545	1036	9/24/2019 7:37	9/19/2019 10:00		Other agency referral	Private Stormwater System	47.71903226	-122.133859	13244 WOODINVILLE REDMOND RD NE	Redmond	98052	It was not clear how long the pressure washer was leaking for, how many days they have been washing, and how long the washing activities had occurred for that day. Loius said the entire bottling process is about 3-7 weeks long in the fall, but the washing practices only take about 10	Improper Business Practices		Other	Wash water from cleaning totes that held the grapes was entering the storm drain. Louis said they don't use any chemicals, just water to clean the totes. The wash water appeared to contain grape pieces even though Louis said the solids from the crushing process are composted.	Visual observation		Education/technical assistance	I met with Louis, the winemaker, onsite. He understood they couldn't allow process water to enter the storm drains. I told him they need to come up with a plan to contain the wash water and properly dispose of it. I gave him until the first week of October to put a plan together. They had a system set up with a sump pump in the catch basin at the end of the driveway, but the sump pump wasn't working currently. The catch basin at the bottom of the driveway had a metal insert in it to hold the wash water, which would then be pumped out of it and into a grassy area to infiltrate. The pond onsite has an aerator to help with odor issues. They have underground holding tanks to collect the sinks a*
46	King County	WAR044546	456	3/27/2019 9:59	3/28/2019 12:00		Pollution hotline (phone, web, app)	No Discharge Observed	47.37981495	-122.090751	18805 SE WAX RD	Kent	98042		Other	Landscaping	None Identified		Visual observation			Cynthia and Conor looked at the slope with recently applied compost. We spoke to the owner, Mr. Fortenberry who explained to us that he was re-landscaping the area after he removed a dead/damaged tree. There was no evidence of any erosion and there didn't appear to be any possibility of discharge to the creek, because the property has a long, flat area between the bottom of the wooded slope and the creek.
47	King County	WAR044547	1219	12/13/2019 15:16	12/13/2019 12:00		ERTS referral	King County MS4	0	0	10470 Dixon Dr S	Seattle	98168	Unknown	Construction Activity		Sediment		Visual observation			Visited site on 12/13/2019. ERTS report had said that sediment was washing down driveway from construction site. There was also concern that sediment was entering the MS4 from a broken pipe on construction site. During site visit King County Roads department had placed a sock in CB 67151, there was sediment in sock but water in the CB was clear. There was sediment in sump of CB. There was sediment below the construction site along curbline. The pipe that runs under the construction site outlets into CB 84467 and CB 90568. The water entering these CB's was clear, it is unknown if this pipe is broken or not, but there was no sediment present during the investigation. DPER had said that they w*
48	King County	WAR044548	1479	1/15/2020 14:10	12/10/2019 16:27		Staff referral	Ground	47.19233029	-122.078556					Not Identified		Solid Waste	multiple cans and larger bottles with the word â€œSprayer â€	Not applicable		Referred to other agency or department	Fish Passage crew came across debris on PSE parcel. I reached out to PSE and they sent a crew out to clean it up.

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	Jurisdiction	PermitNumber	IncidentID	DateReported	DateResponseBegin	DateResponseEnd	Discovered	Discharge	Lat	Long	Address	City	Zipcode	DischargeExplain	Sources	SourceExplain	Pollutants	PollutantExplain	Traces	SourceTraceExplain	Corrections	Notes
49	King County	WAR044549	1187	6/28/2019 13:12	1/18/2019 0:00		Other agency referral		47.28116484	-122.30088	35730 26th Ave S	Federal Way	98003		Improper Business Practices		Vehicle Oil or lubricant				Education/technical assistance	See activity report in attachments.
50	King County	WAR044550	1188	6/28/2019 13:12	1/31/2019 0:00		Other agency referral	No Discharge Observed	47.28116484	-122.30088	35730 26th Ave S	Federal Way	98003		Not Identified		None identified		Not applicable		Education/technical assistance	See activity lot in attachments
51	King County	WAR044551	1189	6/28/2019 13:12	3/8/2019 0:00		Other agency referral		47.28116484	-122.30088	35730 26th Ave S	Federal Way	98003								Education/technical assistance	see activity log for details
52	King County	WAR044552	1190	8/16/2019 9:47	8/16/2019 0:00		Pollution hotline (phone, web, app)	King County MS4	47.41671505	-122.144275	20633 148TH AVE SE	Kent	98042		Improper Business Practices		Sediment		Visual observation		Referred to other agency or department	See comments for summary
53	King County	WAR044553	1191	9/4/2019 12:59	9/4/2019 0:00		ERTS referral	Ground	47.26306364	-122.034278	23112 SE 380th St		98022		Other	Homeowner application	Vehicle Oil or lubricant		Visual observation-Smell or odor		Referred to other agency or department	See comments
54	King County	WAR044554	1192	9/18/2019 16:21	9/18/2019 0:00		ERTS referral	Ground	47.7118013	-122.088564	12526 AVONDALE RD NE	Redmond	98052		Spill		Vehicle Oil or lubricant		Not applicable			See Nigel's report
55	King County	WAR044555	1274	8/27/2019 0:00	8/27/2019 0:00		Staff referral	King County MS4	47.48889903	-122.12054	12620 164TH AVE SE	Renton	98059		Improper Business Practices		Cooking Oil	Solid grease at SW corner of property on top of manhole.	Visual observation		Enforcement	Purpose of inspection was to meet Lara Pharmer and Dave Blanchard to discuss disposal options. Walked around back and to see CB and Ice melt area. Ice melt area needs to be changed when there is paint present. Wet Vault still need to be pumped. Submit control plan for ice scraping that contains paint.
56	King County	WAR044556	1158	11/7/2019 0:00	11/20/2019 11:48		Staff referral		47.44754169	-122.1426	17124 151ST AVE SE	Renton	98058						Indicator Testing			King County Env. Lab E. coli result of 170 cfu/100 ml for sample submitted on 11/12/19. Still awaiting Hu2Bac (human waste-related DNA) results as of 11/20/19. --Jeanne Dorn
57	King County	WAR044557	1159	11/19/2019 12:00	11/19/2019 12:00		Pollution hotline (phone, web, app	Private Stormwater System	47.65167761	-121.985493	26410 NE 50TH ST	King County	98053		Vehicle Related	Originates at West side of Fire House engine garage	Vehicle Oil or lubricant	Petro- Oil or Diesel	Visual observation		Referred to other agency or department	Suspected petro Spill at Firehouse 14
58	King County	WAR044558	779	1/3/2020 16:08	7/16/2019 13:00		Pollution hotline (phone, web, app	King County MS4	47.50867719	-122.35533	10439 16TH AVE SW	seattle	98003	Several 5 gallon buckets of wastewater.	Improper Business Practices		Other	The waste is a mixture of drain wastewater from inside the espresso stand as well as any other beverages or waste liquids that are generated on site.	Visual observation			I observed the catch basin by the stand as well as in the parking lot to smell foul and have an orange/yellow color with small white/brown clumps floating in them. I was able to speak with an employee working at the stand and she gave permission to walk t

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
59	King County	WAR044559	780	7/26/2019 8:00	7/26/2019 8:00		Pollution hotline (phone, web, app	No Discharge Observed	47.50867719	-122.35533	10439 16TH AVE SW	seattle	98146	The dumping appears to have stopped and necessary actions have been imposed upon staff members.	Improper Business Practices	The business owner has clearly defined the necessary actions that all staff are to adhere to and has imposed a $1000 fine on any employee violating this action.	None Identified	There does not appear to be any new dumping of wastewater to the storm drain system on site.	Visual observation-Smell or odor			I observed the catch basin by the stand as well as in the parking lot to smell foul and have some remaining flotables. the color of the water is no longer orange. I was able to speak with an employee who showed me the newly posted sign for staff. The sign states expectations for dumping wastewater and is clearly posted on the door with red tape. The expectations were sent out to all staff members and new staff will be trained on these procedures. I was able to stencil the drain behind the espresso stand as well.
60	King County	WAR044560	867	8/6/2019 14:57	8/9/2019 11:00		Staff referral	King County MS4	47.49003363	-122.118672	12620 164TH AVE SE	Renton	98059		Failing Septic		Sewage-Household or Industrial Chemicals		Visual observation-Map analysis		Enforcement	See attached report
61	King County	WAR044561	1124	11/1/2019 15:00	11/1/2019 15:00		MS4 inspection or screening	King County MS4	47.69555332	-122.032373				Turbid cloudy water was found in all aspects of the WLRD stormwater pond D92966 including at the outfall to the wetland.	Construction Activity	There are filtration socks along the ROW and the site has sediment fencing along the project however the roadway looks chalky and somehow turbid sediment filled water is entering the King County stormwater pond.	Sediment		Visual observation-Further inspection or reconnaissance			During the routine inspection of D92966 it was evident that turbid water was making its way through the system to the outfall location in the wetland. The entire pond was cloudy with the turbidity and the two catch basins that convey stormwater through the site also had cloudy water. CB-1A did not have any turbidity however that serves as an overflow structure for the pond and does not receive water unless pond is at high water marks. The drainage to the pond collects from the ROW as well as runoff from the parcel where the construction activity is occurring. The roadway is chalky looking however there are filtration socks in most of the catch basins and the construction site has sediment f*
62	King County	WAR044562	868	8/12/2019 9:00	8/12/2019 9:00		Staff referral	Other	47.48889903	-122.12054	12620 164TH AVE SE	Renton	98059		Failing Septic		None Identified		Indicator Testing		Enforcement	See attached report
63	King County	WAR044563	1046	10/2/2019 12:00	10/2/2019 12:00		Staff referral	King County MS4	47.45877736	-122.123831		RENTON	98058		Not Identified		None Identified		Not applicable			I opened both CBs, water was flowing clear, no odor detected, I did not take a sample. I opened nearby â€œsewerâ€ mh, no odor detected, no flow observed.
64	King County	WAR044564	801	7/25/2019 12:04	7/26/2019 9:00		Pollution hotline (phone, web, app	No Discharge Observed	47.49546751	-122.254638	12001 64TH AVE S	Seattle	98178		Other	Occupied RVs	Sewage		Visual observation		Referred to other agency or department	Two occupied RVs with sewage being discharged to ground and/or basement through window. No evidence of sewage to the ground or stormdrain (none in area). Referred to Permitting and Health. See sent email attachment for more details of inspection.

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
65	King County	WAR044565	11	3/11/2019 14:59	3/1/2019 13:15		ERTS referral	No Discharge Observed	47.51332363	-122.354733	10002 16TH AVE SW	Seattle	98146	about a quart to a half gallon	Spill		Vehicle Oil or lubricant		Visual observation			I met with Curt Rodocker, the manager at Auto Zone, out back by the dumpsters, where the spill was. As I entered the site he was carrying away two five gallon buckets that were dumped on his site. There was a spill of oil on the ground by the dumpsters. The spill was all on concrete or asphalt, no discharge to a catch basin or surface waters observed. Curt put down floor dry on the spill.
66	King County	WAR044566	718	6/21/2019 11:00	6/21/2019 11:00		Pollution hotline (phone, web, app	Ground	47.28342502	-121.925956	35317 314TH WAY SE	Enumclaw	98022	Unknown. There was liquid discharged about 150 feet down the road (314th Way SE to SE 353rd St). No liquid observed discharging into any storm drains. The liquid appeared to just infiltrate into the ground next to the road.	Failing Septic	The liquid was coming from a small slope that was adjacent to the business' septic tanks. The liquid smelled like sewage. The discharge had small amounts of the white stringy material commonly found in septic discharges and smelled like sewage.	Sewage	The septic tanks were adjacent to a small slope that had railroad ties on it for stabilization. There was liquid actively coming out of the railroad ties that smelled liked sewage.	Visual observation- Smell or odor- Further inspection or reconnaissance			Brian Sleight told me he received a call about sewage flowing across this parcel. I arrived onsite and met with Shawn, the owner. She showed me her septic system, which she said gets pumped every 6 months and it is due to be serviced soon. She said the system is about 10 years old. I saw liquid on the road downgradient of the business and there was a slow flow of water in the discharge. I traced the discharge upgradient and saw there was water coming out of the small slope next to the septic tanks. The discharge had small amounts of the white stringy material commonly found in septic discharges and smelled like sewage. Shawn tried to switch the pump to manual, but it wouldn't work. She said*
67	King County	WAR044567	724		6/28/2019 11:00		Staff referral	Ground	47.4964795	-122.24615	11819 RENTON AVE S	Seattle	98178	less than a pint.	Spill		Cooking Oil	Used cooking oil spilled on top of and around the used cooking oil container.	Visual observation			There is still spilled grease on the waste cooking oil container and some on the ground.
68	King County	WAR044568	1047	10/1/2019 14:15	10/1/2019 14:15		Pollution hotline (phone, web, app	No Discharge Observed	47.68251519	-122.077332	19629 NE 90TH PL	Redmond	98053		Vehicle Related	Discharge appears to have ceased and dissipated. Either naturally or collected by oil absorbent pads.	None Identified		Visual observation			After inspecting the private roadway the oil sheen and runoff appears to have dissipated or been collected by the oil absorbent pads. I was never contacted by the owner of the vehicle or the property owner. Issue appears to be resolved. No further action required.

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
69	King County	WAR044569	1063	10/9/2019 8:30	10/9/2019 8:30		Other agency referral	No Discharge Observed	47.71903226	-122.133859	13244 Woodinville Redmond Road NE	Redmond	98052	No illicit discharges observed	Not Identified		None Identified		Not applicable		Education/technical assistance	There are some grapes and other solid materials in the grassy area next to the concrete pad. Louis said they were washing equipment in this grassy area while they were building the new wash water collection system. I asked that they clean up the solid materials in this grassy area. When the totes are cleaned, the are cleaned on the concrete pad into a container to collect the solids, which are transferred into a truck that brings the compost offsite.
70	King County	WAR044570	575	5/10/2019 14:59	5/10/2019 10:01		ERTS referral	No Discharge Observed	0	0	17000 Renton Maple Valley Rd	King County	98058		Not Identified		None Identified	Iron Oxide reducing bacteria	Visual observation-Other			Walked/bushwacked into pond area to observe the small pond was a distinct orange/brown color. Outflow was clear looking. The perimeter near the outflow had iridescent plates floating on the surface indicative of iron-oxide bacteria. Pond appears to be shallow with lots of algal growth. Near where the outflow enters the Cedar River, there were several groundwater seeps along the riverbank that were also an orange color with iridescence. Spoke with a Parks employee tending the bike path and he said that pond is always like that and there is a constant groundwater flow from the hillside to the south that enters the ponds. The pond in question has no inflow and is likely fed by ground, no*
71	King County	WAR044571	1121	9/12/2019 12:00	9/12/2019 12:00		MS4 inspection or screening	King County MS4	47.55627334	-121.892966	4940 335TH PL SE	Fall City	98024		Failing Septic		Sewage		Visual observation-Smell or odor		Referred to other agency or department	Edward McFarlin visited LNK-26513 as part of the CSP inspection program. I noticed a possible sewage-like smell. There was also white soapy bubbles/scum in the sump of catch basin SNS-83579. There is a small PVC pipe coming from private property here that would be the only source of sewage pollution other than an illicit dumping. The small pipe was not flowing but had some staining on it.
72	King County	WAR044572	580	4/29/2019 14:17	5/13/2019 11:35		Other agency referral	No Discharge Observed	47.43493702	-122.464258	18846 103rd Ave SW	King County	98070	No discharge observed coming out of pipes in roadside ditch.	Not Identified		None Identified	Brown staining around outlet of pipe entering roadside ditch.	Visual observation			Stopped by to inspect the roadside ditch along Vashon Highway SW in front of PIN 3123039031 (residential home to the east of ISO). There were three pipes entering the roadside ditch from the west. One north of the driveway and two south of the driveway. The furthest south pipe had some brown staining around the outlet and downstream in the ditch. Some standing liquid in the pipe too.
73	King County	WAR044573	1122	10/2/2019 12:00	10/2/2019 12:00		MS4 inspection or screening	King County MS4	47.55627334	-121.892966	4940 335TH PL SE	Fall City	98024		Failing Septic		Sewage		Visual observation-Smell or odor-Indicator Testing		Referred to other agency or department	Edward McFarlin visited SNS-83579 to follow-up on the suspicious odor found on the 9/12 CSP inspection. The sewage odor was still present and the water grey in appearance. Sample and measurement results were: E. coli: > 60,000 cfu/100mL (with Coliscan Easygel) (TNTC) Water Temperature: 15.27 Â°C pH: 6.83 Specific Conductance: 862.6 Î¼S/cm Fluoride: 0.4 mg/L

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
74	King County	WAR044574	1123	10/7/2019 0:00	10/7/2019 0:00		MS4 inspection or screening	King County MS4	47.55627334	-121.892966	4940 335TH PL SE	Fall City	98024		Failing Septic		Sewage		Visual observation-Indicator Testing		Referred to other agency or department	Edward McFarlin and Cameron Chapman visited SNS-83579 to take lab samples to follow-up on the high Coliscan Easygel results from 10/2. We briefly chatted with one of the tenants of the house who was wondering if we were there to shut the water off. We said we were not. Sample results were: E. coli: 360,000 cfu/100mL (SM 9213D3B) Hu-2-Bacteroidales: 640,000 copies/mL (MICRO SOP 570V0)
75	King County	WAR044575	548	5/1/2019 9:49	4/29/2019 16:00		Other agency referral	King County MS4	47.52239645	-121.846317	372nd Pl SE & SE 86th St	King County	98065	5-10 gallons	Spill	Roadtek uses a tank spray truck to apply the cationic asphalt emulsion to the surface. During their application the conditions on the roadway caused the emulsion product to improperly cure to the surface and mobilized to the roadside ditch where water mixed with it. The product was applied to a .75 mile long stretch	Vehicle Oil or lubricant	The chemical applied is a Cationic Asphalt Emulsion combines asphalt, fuel, and water to create an emulsion that, when applied properly, sets and the water evaporates leaving behind a quick dry asphalt.	Visual observation-Further inspection or reconnaissance			King County Road Services has contracted with NRC to install absorbent materials along the ditch line of the King County ROW. The private roadway is discharging pollutants for about 400 feet of ditch line which feeds to King County ROW ditch line. There is groundwater flowing to the private road ditch mobilizing the materials. Some spill absorbent pads have been placed by a 3rd party in the private ditch line. There is some congealed product on the surface of pooled water in the private ditch line. Further work is needed to eliminate the issue. Contacting Ecology on the issue may be warranted.
76	King County	WAR044576	864	8/8/2019 11:00	8/8/2019 11:00		Staff referral	King County MS4	47.48977559	-122.120665	12620 164TH AVE SE	Renton	98059	1,000+ gallons	Failing Septic		Sewage-Household or Industrial Chemicals		Visual observation-Smell or odor-Indicator Testing		Enforcement	See attached report
77	King County	WAR044577	840	6/28/2019 14:11	3/12/2019 0:00		Pollution hotline (phone, web, app	No Discharge Observed	47.27827841	-122.301524	36102 25th Pl S	Federal Way	98003		Not Identified		None identified		Not applicable			This appears to be the work of a habitually disgruntled neighbor. No evidence of any discharges to the stormdrain or other polluting practices.
78	King County	WAR044578	532	4/24/2019 13:46	4/15/2019 17:39		ERTS referral	No Discharge Observed	47.48574	-122.036291	12909 229TH AVE SE	Issaquah	98027		Other	Appears to be dumped or left behind.	Solid Waste-Vehicle Oil or lubricant-Household or Industrial Chemicals	There is a black tow-behind trailer with a strong smell of oil and/or gasoline coming from it. There is also a cart with several exposed batteries on site.	Visual observation-Smell or odor			The dumped materials, although emitting a strong odor of gasoline and oil, does not appear to have an active running source of said materials. There was some staining or dried sheen on the surfaces around the dumped materials. The materials do present a groundwater pollution concern if not removed in the near future. I did not notice an active spill or leak but more likely is soaked materials. The roadway is not public ROW and would be the responsibility of the homeowners along 229th Ave SE to coordinate a clean up effort. They could contact the Illegal Dumping group with King County Solid Waste for information on how to best handle these materials.

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
79	King County	WAR044579	541	4/29/2019 13:18	4/4/2019 12:30		Pollution hotline (phone, web, app	No Discharge Observed	47.62519314	-121.925694	1810 WEST SNOQUALMIE RIVER RD NE	Carnation	98014		Not Identified		Solid Waste-Fertilizer		Not applicable			I was on site for a water quality business inspection and was given a full tour of the property. We drove the waters edge at most points along the course especially around the 9th hole. This hole was identified in the ERTS and is primarily the only hole th
80	King County	WAR044580	549	5/1/2019 9:49	5/1/2019 14:00		Other agency referral	King County MS4	47.52239645	-121.846317	372nd Pl SE & SE 86th St	King County	98065	2-5 gallons	Improper Business Practices	The pollutant has been released to the ditchlines due to improper application of the product and poor conditions for the application.	Vehicle Oil or lubricant-Household or Industrial Chemicals	The pollutant is a cationioc asphalt emulsion product used for dust control.	Visual observation-Further inspection or reconnaissance			I met with Trevor Braund, a member of Ecology's Spill Response team, to evaluate and determine proper steps for handling the situation. He determined that two options existed. Either rip up all applied product and remove from site and remove all sediment and vegetation in and around the ditchline that may contain the pollutant, or line the ditches and pipes up to the wetland with proper absorbent materials and continue with monitoring. Trevor and I determined that replacing the soiled absorbent materials with new ones would allow for maximum capture of any further pollutant release. There is no continuous source for release of pollutants to the MS4. Therefore, BMP's should be able to captu*
81	King County	WAR044581	707	6/24/2019 12:00	6/24/2019 12:00		Pollution hotline (phone, web, app	No Discharge Observed	47.5087207	-122.335078	10461 1ST AVE	Seattle	98146	While I noticed obvious signs of vehicle repair and maintenance on the side of the property I did not notice any signs of discharge leaving the property. There is some trash and debris that includes a couple of small containers of liquid.	Vehicle Related	There are some broken down vehicles on the side of the property that are clearly being worked on. There is some staining in the gravel area where the cars are parked and lots of small trash with a few trash bags.	Solid Waste-Vehicle Oil or lubricant-Antifreeze or other coolant		Visual observation		Referred to other agency or department	I did not notice any immediate discharge or any staining that would indicate continual discharge. There are some drip spots and small staining around. There is a gravel area off to the side of the road where the broken down vehicles are parked. The gravel is littered with trash and a few full trash bags. There is a bucket with three smaller containers of vehicle liquids but they could be identified completely but they appeared to be antifreeze and oil. The rags, bags of trash, and bucket of liquids are sitting on top of a small ply wood sheet. There is a small carpet under one of the vehicles possibly acting as a spill pad. I attempted to contact the property owner but was unsuccessful. I I*

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
82	King County	WAR044582	845	7/17/2019 10:30	7/17/2019 10:30		Business Inspection	King County MS4	47.7212078	-122.063767	13737 202ND AVE NE	Woodinville	98077	unkown amount but consistent and regular over period of monitoring	Improper Business Practices	Possible that the activity coming from the maintenance shop causing this nutrient load that is being detected.	Pesticide or Herbicide-Fertilizer	The pollutant is high in nutrients and is coming regular periods of time. The nutrients could point to some sort of washing activity or storage nearby a catch basin connected to the system.	Visual observation-Indicator Testing			We met with the superintendent of the course and country club, PJ, and discussed what Cameron had found through his monitoring of the stream. WE asked about the operations at the shop and found that the mowing equipment was being washed off directly over catch basin. This basin is connected to a couple other basins that then outlet directly to the small ditch that connects to the MS4. The basin has a small turn down elbow OWS. PJ informed us that he was told by some entity of KC a long time ago that this was approved and the activity of washing was approved. We asked him to discontinue this and find a new area to wash equipment so that wash water can infiltrate. I will follow up with an ins*
83	King County	WAR044583	889	8/15/2019 13:00	8/15/2019 13:00		Staff referral	Private Stormwater System	47.64471814	-122.025221	2225069094			Continuous	Illicit Connection		Sewage-Soap/Detergent-Household or Industrial Chemicals		Visual observation-Dye Testing-Smell or odor			Anna Lucero and Edward McFarlin met with Mokhtar Bebawi (property owner) and Brian from NE Sammamish S/W District. Dye tested five fixtures at the two businesses on this property. The first dye test at the subway men's toilet was not observed in the storm nor the sanitary but Brian reported an increase in flow into the sanitary, but we did not see the dye (could have been hard to observe in the deep structure with thick scum layer). The next two dye tests (woman's restroom and sink in convenience store) went to the sanitary. The final two tests (two separate sink fixtures in the subway) went to the stormwater catch basin via the 8" PVC roof-drain coming from the NNE. This line was intermit
84	King County	WAR044584	1037	9/24/2019 12:00	9/24/2019 12:00		Pollution hotline (phone, web, app	Ground	47.68246231	-122.076439	19629 NE 90TH PL	Redmond	98053	Several spots of oil sheen were stretching approximately 1000 ft but not a continuous sheen.	Vehicle Related	Apparently one of the contractors employees blew the engine in his vehicle on the way up the driveway. They were able to pull it into the property and left it there until it could be towed. This was when the spill occurred and was a few days prior to my field visit.	Vehicle Oil or lubricant-Chlorinated Water		Visual observation			The unidentified persons watching the property were able to tell me that the employee who's engine blew was working on getting it hauled off site. They could not present or provide any information regarding who this employee was. I asked if these persons could get in touch with the property owner and inform them of my visit. I left them with information regarding vehicle repair on residential property activity sheet R-4. I then placed hydro-phobic oil absorbent pads along the driveway at various places to try and absorb and remaining runoff from the sheen. I also placed some pads at the very bottom end of the private roadway to capture flows downstream. I then informed the unidentified pers*

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	**Jurisdiction**	**PermitNumber**	**IncidentID**	**DateReported**	**DateResponseBegin**	**DateResponseEnd**	**Discovered**	**Discharge**	**Lat**	**Long**	**Address**	**City**	**Zipcode**	**DischargeExplain**	**Sources**	**SourceExplain**	**Pollutants**	**PollutantExplain**	**Traces**	**SourceTraceExplain**	**Corrections**	**Notes**
85	King County	WAR044585	1090	10/22/2019 16:00	10/22/2019 16:00		Other agency referral	Ground	47.31543766	-122.283083	31980 Military Rd S	Federal Way	98001	2-3 cubic feet	Improper Business Practices	Car wash	Vehicle Oil or lubricant-Soap/Detergent-Sediment	Likely car wash channel debris.	Not applicable			Evidence of dumping sediment and paint over retaining wall. Site of carwash channel debris dumping reported by Joel Castanza at Lakehaven Utility District was inspected. Sediment and soapy residue which were previously identified in the complainant's photos were still visible on the ground, although much had been washed away due to large rain events over the weekend. In a phone conversation with Mr. Castanza on 10/25/19, he stated that on a previous sewer inspection several months ago he observed metallic sludge in the sewer manholes, which he believes was illicitly dumped from the car wash channel into the sanitary sewer. There is currently an open enforcement case at DPER (ENFR18-0224) re*
86	King County	WAR044586	1233	12/20/2019 10:53	12/20/2019 12:00		Pollution hotline (phone, web, app	King County MS4	47.2646754	-122.302803	37307 ENCHANTED PKWY S	Federal Way	98003	Consistent flows during rain event.	Improper Business Practices	The property is extremely muddy and there are no onsite controls to manage sediment runoff. The site keeps non-operational vehicles around the property which likely contribute to the oily water flowing on site during the storm.	Vehicle Oil or lubricant-Sediment	Surface flows from the Astro Auto Wrecking site contain turbidity and vehicle oils.	Visual observation			Arrived on site around noon and was met by Vic Young, the reporting party. He says the flows were much heavier earlier in the morning but the level of oily turbidity was consistent throughout the day. Facility D93161 was very high but not to the emergency overflow structure. The entire pond was very turbid and had a sludge or residue collecting along the edges of the pond. Slightly less turbid water was found in the outlet control structure exiting the facility. Flows were still entering the drainage as I left. There was a pump being run onsite to drain the water but was not being pumped towards the ROW. The flows exiting the site were from surface flows not being contained. I met with Cole*
87	King County - DOT	WAR044587	19-0926	3/19/19 5:12 PM	3/20/19 5:12 PM		Cheri @ TCC	Ground			2nd and Blanchard	Seattle		3 gallons - power steering fluid	Blown Hose in turntable	Blown Hose in turntable	Vehicle Oil or lubricant	Wear	Visual observation	Vehical	Absorbant applied & hand swept	
88	King County - DOT	WAR044588	19-0922	3/20/2019 6:23	3/21/2019 6:23		Shelly @ TCC	Kirkland MS4			Kirkland Transite Center Bay 3	Kirkland		4 gallons - coolant	Blown Thermostate Housing Hose	Blown Thermostate Housing Hose	Vehical Collant	Wear	Visual observation	Vehical	Absorbant applied & Sweeper truck / Kirkland cleaned drain	
89	King County - DOT	WAR044589	688618	4/19/2019 7:59	4/20/2019 7:59		Control	Renton MS4			S. Puget Dr & Benson Dr S	Renton		5 Gallons - Motor Oil & Coolant - each / total 10 gallons	Blown engine	Blown engine	Motor Oil & Coolant	Wear	Visual observation	Vehical	Abs Sweep Vactor	City of Reton Responsed with ABS & Vactor. Transit responed with ABS, Vacro and Sweeper. 7-8 Drains cleaned.
90	King County - DOT	WAR044590	19-1354	4/27/2019 9:15	4/28/2019 9:15		TCC	KC MS4			U- district Seattle near Huskey Stadium - Pacifici & Pacific	Seattle		3 gallons Antifreeze	Breakdown	Breakdown	Antifreeze	Wear	Visual oberservation	Vehical	Vactor	Tow truck is cleaning up asphalt
91	King County - DOT	WAR044591	688837	4/30/2019 7:30	4/30/2019 7:30		Control	Ground			Pac Hwy S and Sought 200th Street	NB		2.5 gallons coolant	Mechanical failure	Mechanical failure	Antifreeze	Wear	Visual oberservation	Vehical	Absorbant applied & hand swept	

	App 14-Q1	App 14-Q1		App 14-Q2	App 14-Q3	App 14-Q4	App 14-Q5	App 14-Q6 Discharge to MS4?	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14 - Q7	App 14-Q8 Pollutants Identified	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q9	App 14-Q10	App 14-Q10	App 14-Q11	App 14-Q12
Count	Jurisdiction	PermitNumber	IncidentID	DateReported	DateResponseBegin	DateResponseEnd	Discovered	Discharge	Lat	Long	Address	City	Zipcode	DischargeExplain	Sources	SourceExplain	Pollutants	PollutantExplain	Traces	SourceTraceExplain	Corrections	Notes
92	King County - DOT	WAR044592	688878	5/1/2019 8:09	5/1/2019 8:09		Control	Ground			Rt. 554 from Highlands Dr. NE & Pickering Pl NE			10 gallon coolant	Blown hose and boost pump	Mechanical failure	Antifreeze	Wear	Visual oberservation	Vehical	Absorbant applied & hand swept	Vactor used to clean affected drain (WO# 888577)
93	King County - DOT	WAR044593	689151	5/13/2019 8:03	5/13/2019 8:03		Steven & TCC	Ground			Rainer Ave S & Renton Ave S			< 5 gallons coolant	Vehicle Related	Mechanical failure	Antifreeze	Wear	Visual oberservation	Vehical	Absorbant applied & Sweeper truck	WO# 889547
94	King County - DOT	WAR044594	19-1639	5/16/2019 5:58	5/16/2019 5:58		Cheri @ TCC	Ground			NE 20th and 136 Ave NE	Bellevue		~ 2 gallons	Damaged oil pan	Mechanical failure	Oil	Damage	Visual oberservation	Vehical	Absorbant applied & Sweeper truck	Abosorbant applied by Transit, Bellvue sweeper
95	King County - DOT	WAR044595	19-1926	5/29/2019 6:01	5/29/2019 6:01		Cheri @ TCC	Ground			Tukwila Pkwy from 61st to Andover E			10 gallon coolant	Vehicle Related	Mechanical failure	Antifreeze	Wear	Visual oberservation	Vehical	Absorbant applied & Sweeper truck	Coolant leak along 3 blocks - WO # 898539
96	King County - DOT	WAR044596		5/31/2019 7:55	5/31/2019 7:55		Control	Ground			Allie Ave SW & 62nd to 61st Ave SW			11 gallon coolant	Vehicle Related	Mechanical failure	Antifreeze	Mechanical Failure	Visual oberservation	Vehical	Absorbant applied & Sweeper truck	WO 900304
97	King County - DOT	WAR044597	689635	6/3/2019 9:20	6/3/2019 9:20		Cheri @ TCC	Ground			12th Ave S & S Jackson			~ 5 gallons	Vehicle Related	Mechanical failure	Oil	Mechanical Failure	Visual oberservation	Vehical	Absorbant applied & Sweeper truck / Seattle	WO 900405
98	King County - DOT	WAR044598		6/25/2019 16:00	6/25/2019 16:00		Control	Seattle Combined Sewer			MLK & E. Union			~ 5 gallons	Vehicle Related	Mechanical failure	Antifreeze	Mechanical Failure	Visual oberservation	Vehical	Absorbant applied & Sweeper truck	WO 911602
99	King County - DOT	WAR044599		7/6/2019 9:12	7/6/2019 9:12		Control	Ground			11th Ave. NE, between NE 42nd & 41st	Seattle		2-5 gallons	Vehicle Related	Mechanical failure	Antifreeze	Mechanical Failure	Visual oberservation	Vehical	Spill clothes deployed. Absorbant applied & Sweeper truck	
100	King County - DOT	WAR044600	692060	8/2/2019 13:07	8/2/2019 13:07		Control	Ground			Kent Sounder Station	Kent		Minimal	Vehicle Related	Mechanical failure	Antifreeze	Mechanical Failure	Visual oberservation	Vehical	Absorbant applied & hand swept	
101	King County - DOT	WAR044601		8/13/2019 12:10	8/13/2019 12:10		Control	Ground			E-3 Busway & S. Spokane Street			~ 5 gallons	Vehicle Related	Mechanical failure	Oil	Mechanical Failure	Visual oberservation	Vehical	Absorbant applied & Sweeper truck / Seattle	
102	King County - DOT	WAR044602		8/28/2019 15:29	8/28/2019 15:29		Control	Ground			I-405 SB from NE 132nd to 128th	Kirkland		15 gallons	Vehicle Related	Mechanical failure	Oil	Mechanical Failure	Visual oberservation	Vehical	Absorbant applied & Sweeper truck	
103	King County - DOT	WAR044603	692775	9/3/2019 12:30	9/3/2019 12:30		Greg in TCC	Seattle Combined Sewer			NB on 4th Ave S Just South of Seattle Blvd			3-4 gallons	Vehicle Related	Mechanical failure	Antifreeze	Mechanical Failure	Visual oberservation	Vehical	No response required to combined sewer per SPU	
104	King County - DOT	WAR044604	643540	10/4/2019 8:44	10/4/2019 10:15		Carina @ TCC	Ground			1st Ave S from S Normandy to S 192nd SB			.5 to 6 gallons	Vehicle Related	Mechanical failure	Antifreeze	Mechanical Failure	Visual oberservation	Vehical	Absorbant applied & hand swept	
105	King County - DOT	WAR044605		10/31/2019 8:22	10/31/2019 8:22		Shelly @ TCC	Ground			SB on 16th Ave SW & SW Brandon			10 gallons	Vehicle Related	Mechanical failure	Antifreeze	Mechanical Failure	Visual oberservation	Vehical	Absorbant applied & Sweeper truck	WO 954481
106	King County - DOT	WAR044606		12/4/2019 10:01	12/4/2019 10:01		CH.4 @ TCC	Seattle Combined Sewer			6th Ave S 100' N of S Massachusetts			~ 5 qts	Vehicle Related	Mechanical failure	Antifreeze	Mechanical Failure	Visual oberservation	Vehical	Vactor used to clean pavement & drain	WO 970489
107	King County - DOT	WAR044607		12/9/2019 15:30	12/9/2019 15:30		Reggie @ TCC	Ground			4th Ave S SB on ramp to Edgar Marinez	Seattle		5-8 gallons	Vehicle Related	Mechanical failure	Antifreeze	Mechanical Failure	Visual oberservation	Vehical	Absorbant applied & Sweeper truck	WO 971106
108	King County - DOT	WAR044608		12/12/2019 18:51	12/12/2019 18:51		Zander @ TCC	Ground			Western ave & 1st Ave W	Seattle		3-5 gallons	Vehicle Related	Mechanical failure	Oil	Mechanical Failure	Visual oberservation	Vehical	Absorbant applied & Sweeper truck	WO 9715580

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OFFSITE DISCHARGE RECONNAISSANCE

Section 1. Background Data

Structure #:CB 229A

Inspection Date	8/7/19	Initial Inspection	☒
Inspection Time	10:00 am	Inspection #	
Weather Conditions	Cloudy		
Inspector Name(s)	Eric Miller & Robert Hobbs	Rainfall (in, last 24h)	0
Inspection Participants		Rainfall (in, last 48h)	0
KCIA Drainage Basin #	1		
KCIA Outfall #	1		
Tenant Area (as applicable)	KCIA	Photos Taken?	☒ Yes ☐ No

Section 2. Discharge Structure Description

Manhole	☒	**Catch Basin**	☐	**Other:**_____	☐

Material	☐ RCP ☐ CMP ☒ PVC ☒ HDPE ☐ Steel ☐ Other:_____
Shape	☒ Circular ☐ Elliptical ☐ Box ☐ Channel ☐ Other:_____
Outlet Dimension (in)	Diameter/Dimensions:8"
Flow Present?	☐ Yes, Estimate Flow ☒ No, ***Go To Section 5***
Flow Description (if present)	☐ Slow ☐ Moderate ☐ Fast

Section 3. Quantitative Characterization

Turbidity (NTU)	
pH (standard units)	NA
Temperature (°C)	NA

Section 4. Physical Indicators For Flowing Water

Indicator	Check if Present	Description	Relative Severity Index (1-3)
Odor	☐	☐ Sewage ☐ Rancid/Sour ☐ Petroleum/Gas ☐ Sulfide ☐ Other:_____	☐ Faint ☐ Easily Detected ☐ Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Other:_____	☐ Faint colors in sample bottle (bacteria) ☐ Clearly visible in sample bottle ☐ Clearly visible in discharge flow
Turbidity	☐	See Severity	☐ Slight cloudiness ☐ Cloudy ☐ Opaque
Floatables	☐	☐ Sewage (toilet paper, etc) ☐ Suds ☐ Oil Sheen ☐ Other:_____	☐ Few/slight ☐ Moderate ☐ Obvious

Section 5. Physical Indicators For Flowing/Non-flowing Water

Are physical Indicators that are not related to flow present? ☒ Yes ☐ No ***(if No, go to Section 6)***

Indicator	Check if Present	Description	Comments
Structural Damage	☐	☐ Spalling, Cracking, Chipping ☐ Corrosion ☐ Other:_____	
Deposits/Stains	☐	☐ Oily ☐ Flow line ☐ Paint ☐ Other:_____	
Vegetation	☐	☐ Excessive ☐ Inhibited ☐ Other:_____	
Pool Quality	☒	☐ Odors ☐ Colors ☒ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other: sediments	
Benthic Growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:_____	

Section 6. Overall Discharge Characterization

☒ **Unlikely**
☐ **Potential (Flowing or Non-flowing condition with two or more indicators)**
☐ **Suspect (Flowing with one or more indicators with severity of 3)**
☐ **Obvious (Illicit discharge is occurring)**

If Overall Discharge Characterization is ***Suspect*** or ***Obvious***, **Conduct Source Investigation Immediately**

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OFFSITE DISCHARGE RECONNAISSANCE

Section 1. Background Data

Structure #:MH 19-C

Inspection Date	8/7/17	Initial Inspection	☒
Inspection Time	9:55am	Inspection #	
Weather Conditions	Cloudy		
Inspector Name(s)	Eric Miller & Robert Hodges	Rainfall (in, last 24h)	0
Inspection Participants		Rainfall (in, last 48h)	0
KCIA Drainage Basin #	1		
KCIA Outfall #	1		
Tenant Area (as applicable)	KCIA	Photos Taken?	☒ Yes ☐ No

Section 2. Discharge Structure Description

Manhole	☐	**Catch Basin**	☒	**Other:**_____	☐

Material	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:_____ Downturned Elbow
Shape	☒ Circular ☐ Elliptical ☐ Box ☒ Channel ☐ Other:_____
Outlet Dimension (in)	Diameter/Dimensions:36"
Flow Present?	☐ Yes, Estimate Flow (Trickle) ☒ No, ***Go To Section 5***
Flow Description (if present)	☐ Slow (Trickle) ☐ Moderate ☐ Fast

Section 3. Quantitative Characterization

Turbidity (NTU)	
pH (standard units)	NA
Temperature (°C)	NA

Section 4. Physical Indicators For Flowing Water

Indicator	Check if Present	Description	Relative Severity Index (1-3)
Odor	☐	☐ Sewage ☐ Rancid/Sour ☐ Petroleum/Gas ☐ Sulfide ☐ Other:_____	☐ Faint ☐ Easily Detected ☐ Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Other:_____	☐ Faint colors in sample bottle (bacteria) ☐ Clearly visible in sample bottle ☐ Clearly visible in discharge flow
Turbidity	☐	See Severity	☐ Slight cloudiness ☐ Cloudy (Orange Bacteria) ☐ Opaque
Floatables	☐	☐ Sewage (toilet paper, etc) ☐ Suds ☐ Oil Sheen ☐ Other:_____	☐ Few/slight ☐ Moderate ☐ Obvious

Section 5. Physical Indicators For Flowing/Non-flowing Water

Are physical Indicators that are not related to flow present? ☒ Yes ☐ No ***(if No, go to Section 6)***

Indicator	Check if Present	Description	Comments
Structural Damage	☐	☐ Spalling, Cracking, Chipping ☐ Corrosion ☐ Other:_____	
Deposits/Stains	☐	☐ Oily ☐ Flow line ☐ Paint ☐ Other:_____	
Vegetation	☐	☐ Excessive ☐ Inhibited ☐ Other:_____	
Pool Quality	☒	☐ Odors ☐ Colors ☒ Floatables ☒ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:_____	
Benthic Growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:_____	

Section 6. Overall Discharge Characterization

☐ **Unlikely**
☒ **Potential (Flowing or Non-flowing condition with two or more indicators)**
☐ **Suspect (Flowing with one or more indicators with severity of 3)**
☐ **Obvious (Illicit discharge is occurring)**

If Overall Discharge Characterization is ***Suspect*** or ***Obvious***, **Conduct Source Investigation Immediately**

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OFFSITE DISCHARGE RECONNAISSANCE

Section 1. Background Data

Structure #:MH 492

Inspection Date	8/7/19	Initial Inspection	☒
Inspection Time	9:50 am	Inspection #	
Weather Conditions	Cloudy		
Inspector Name(s)	Eric Miller & Robert Hobbs	Rainfall (in, last 24h)	0
Inspection Participants		Rainfall (in, last 48h)	0
KCIA Drainage Basin #	1		
KCIA Outfall #	1		
Tenant Area (as applicable)	KCIA	Photos Taken?	☒ Yes ☐ No

Section 2. Discharge Structure Description

Manhole	☐	**Catch Basin**	☒	**Other:_____**	☐

Material	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:_____ Downturned Elbow
Shape	☒ Circular ☐ Elliptical ☐ Box ☐ Channel ☐ Other:_____
Outlet Dimension (in)	Diameter/Dimensions:36"
Flow Present?	☐ Yes, Estimate Flow ☒ No, ***Go To Section 5***
Flow Description (if present)	☐ Slow ☐ Moderate ☐ Fast

Section 3. Quantitative Characterization

Turbidity (NTU)	
pH (standard units)	NA
Temperature (°C)	NA

Section 4. Physical Indicators For Flowing Water

Indicator	Check if Present	Description	Relative Severity Index (1-3)
Odor	☐	☐ Sewage ☐ Rancid/Sour ☐ Petroleum/Gas ☐ Sulfide ☐ Other:_____	☐ Faint ☐ Easily Detected ☐ Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Other:_____	☐ Faint colors in sample bottle ☐ Clearly visible in sample bottle ☐ Clearly visible in discharge flow
Turbidity	☐	See Severity	☐ Slight cloudiness ☐ Cloudy ☐ Opaque
Floatables	☐	☐ Sewage (toilet paper, etc) ☐ Suds ☐ Oil Sheen ☐ Other:_____	☐ Few/slight ☐ Moderate ☐ Obvious

Section 5. Physical Indicators For Flowing/Non-flowing Water

Are physical Indicators that are not related to flow present? ☒ Yes ☐ No ***(if No, go to Section 6)***

Indicator	Check if Present	Description	Comments
Structural Damage	☐	☐ Spalling, Cracking, Chipping ☐ Corrosion ☐ Other:_____	
Deposits/Stains	☒	☐ Oily ☒ Flow line ☐ Paint ☐ Other:_____	
Vegetation	☐	☐ Excessive ☐ Inhibited ☐ Other:_____	
Pool Quality	☒	☐ Odors ☐ Colors ☒ Floatables ☒ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:_____	
Benthic Growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:_____	

Section 6. Overall Discharge Characterization

☐ **Unlikely**
☒ **Potential (Flowing or Non-flowing condition with two or more indicators)**
☐ **Suspect (Flowing with one or more indicators with severity of 3)**
☐ **Obvious (Illicit discharge is occurring)**

If Overall Discharge Characterization is ***Suspect*** or ***Obvious***, **Conduct Source Investigation Immediately**

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OFFSITE DISCHARGE RECONNAISSANCE

Section 1. Background Data

Structure #:MH1593

Inspection Date	8/4/19	Initial Inspection	☒
Inspection Time	9:30 am	Inspection #	1
Weather Conditions	Cloudy		
Inspector Name(s)	Eric Mitter & Robert Wells	Rainfall (in, last 24h)	0
Inspection Participants		Rainfall (in, last 48h)	0
KCIA Drainage Basin #	3		
KCIA Outfall #	3		
Tenant Area (as applicable)	KCIA	Photos Taken?	☒ Yes ☐ No

Section 2. Discharge Structure Description

Manhole	☒	**Catch Basin**	☒	**Other:**_____	☐

Material	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:_____
Shape	☒ Circular ☐ Elliptical ☐ Box ☐ Channel ☐ Other:_____
Outlet Dimension (in)	Diameter/Dimensions:30"
Flow Present?	☐ Yes, Estimate Flow ☒ No, ***Go To Section 5***
Flow Description (if present)	☐ Slow ☐ Moderate ☐ Fast

Section 3. Quantitative Characterization

Turbidity (NTU)	
pH (standard units)	NA
Temperature (°C)	NA

Section 4. Physical Indicators For Flowing Water

Indicator	Check if Present	Description	Relative Severity Index (1-3)
Odor	☐	☐ Sewage ☐ Rancid/Sour ☐ Petroleum/Gas ☐ Sulfide ☐ Other:_____	☐ Faint ☐ Easily Detected ☐ Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Other:_____	☐ Faint colors in sample bottle (bacteria) ☐ Clearly visible in sample bottle ☐ Clearly visible in discharge flow
Turbidity	☐	See Severity	☐ Slight cloudiness ☐ Cloudy ☐ Opaque
Floatables	☐	☐ Sewage (toilet paper, etc) ☐ Suds ☐ Oil Sheen ☐ Other:_____	☐ Few/slight ☐ Moderate ☐ Obvious

Section 5. Physical Indicators For Flowing/Non-flowing Water

Are physical Indicators that are not related to flow present? ☒ Yes ☐ No ***(if No, go to Section 6)***

Indicator	Check if Present	Description	Comments
Structural Damage	☐	☐ Spalling, Cracking, Chipping ☐ Corrosion ☐ Other:_____	
Deposits/Stains	☐	☐ Oily ☐ Flow line ☐ Paint ☐ Other:_____	
Vegetation	☐	☐ Excessive ☐ Inhibited ☐ Other:_____	Clear
Pool Quality	☒	☐ Odors ☐ Colors ☒ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:_____	Clear ~~Floatable minimal~~ Floatables minimal
Benthic Growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:_____	Clear

Section 6. Overall Discharge Characterization

☒ **Unlikely**
☐ **Potential (Flowing or Non-flowing condition with two or more indicators)**
☐ **Suspect (Flowing with one or more indicators with severity of 3)**
☐ **Obvious (Illicit discharge is occurring)**

If Overall Discharge Characterization is ***Suspect*** or ***Obvious***, **Conduct Source Investigation Immediately**

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OFFSITE DISCHARGE RECONNAISSANCE

Section 1. Background Data

Structure #:MH KCBYP

Inspection Date	8/7/19	Initial Inspection	☒
Inspection Time	10:10	Inspection #	
Weather Conditions	Cloudy		
Inspector Name(s)	Eric Millard & Robert Hobbs	Rainfall (in, last 24h)	0
Inspection Participants		Rainfall (in, last 48h)	0
KCIA Drainage Basin #	1		
KCIA Outfall #	1		
Tenant Area (as applicable)	Tenant (NBF)	Photos Taken?	☒ Yes ☐ No

Section 2. Discharge Structure Description

Manhole	☒	**Catch Basin**	☐	**Other:_____**	☐

Material	☒ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:_____
Shape	☒ Circular ☐ Elliptical ☐ Box ☐ Channel ☐ Other:_____
Outlet Dimension (in)	Diameter/Dimensions:24"
Flow Present?	☐ Yes, Estimate Flow ☒ No, ***Go To Section 5***
Flow Description (if present)	☐ Slow ☐ Moderate ☐ Fast

Section 3. Quantitative Characterization

Turbidity (NTU)	
pH (standard units)	NA
Temperature (°C)	NA

Section 4. Physical Indicators For Flowing Water

Indicator	Check if Present	Description	Relative Severity Index (1-3)
Odor	☐	☐ Sewage ☐ Rancid/Sour ☐ Petroleum/Gas ☐ Sulfide ☐ Other:_____	☐ Faint ☐ Easily Detected ☐ Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Other:_____	☐ Faint colors in sample bottle (bacteria) ☐ Clearly visible in sample bottle ☐ Clearly visible in discharge flow
Turbidity	☐	See Severity	☐ Slight cloudiness ☐ Cloudy ☐ Opaque
Floatables	☐	☐ Sewage (toilet paper, etc) ☐ Suds ☐ Oil Sheen ☐ Other:_____	☐ Few/slight ☐ Moderate ☐ Obvious

Section 5. Physical Indicators For Flowing/Non-flowing Water

Are physical Indicators that are not related to flow present? ☒ Yes ☐ No ***(if No, go to Section 6)***

Indicator	Check if Present	Description	Comments
Structural Damage	☐	☐ Spalling, Cracking, Chipping ☐ Corrosion ☐ Other:_____	
Deposits/Stains	☐	☐ Oily ☐ Flow line ☐ Paint ☐ Other:_____	
Vegetation	☐	☐ Excessive ☐ Inhibited ☐ Other:_____	
Pool Quality	☒	☐ Odors ☐ Colors ☒ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:_____	
Benthic Growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:_____	

Section 6. Overall Discharge Characterization

☒ **Unlikely**
☐ **Potential (Flowing or Non-flowing condition with two or more indicators)**
☐ **Suspect (Flowing with one or more indicators with severity of 3)**
☐ **Obvious (Illicit discharge is occurring)**

If Overall Discharge Characterization is ***Suspect*** or ***Obvious***, **Conduct Source Investigation Immediately**

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OFFSITE DISCHARGE RECONNAISSANCE

Section 1. Background Data

Structure #:MH Midfield

Inspection Date	8/7/19	Initial Inspection	☒
Inspection Time	9:40 AM	Inspection #	1
Weather Conditions	Cloudy		
Inspector Name(s)	Eric Miller & Robert Hedges	Rainfall (in, last 24h)	0
Inspection Participants		Rainfall (in, last 48h)	0
KCIA Drainage Basin #	2		
KCIA Outfall #	2		
Tenant Area (as applicable)	KCIA	Photos Taken?	☒ Yes ☐ No

Section 2. Discharge Structure Description

Manhole	☒	**Catch Basin**	☐	**Other:_____**	☐

Material	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:_____
Shape	☐ Circular ☐ Elliptical ☐ Box ☒ Channel ☐ Other:_____
Outlet Dimension (in)	Diameter/Dimensions:30"
Flow Present?	☐ Yes, Estimate Flow ☒ No, ***Go To Section 5***
Flow Description (if present)	☐ Slow ☐ Moderate ☐ Fast

Section 3. Quantitative Characterization

Turbidity (NTU)	
pH (standard units)	
Temperature (°C)	

Section 4. Physical Indicators For Flowing Water

Indicator	Check if Present	Description	Relative Severity Index (1-3)
Odor	☐	☐ Sewage ☐ Rancid/Sour ☐ Petroleum/Gas ☐ Sulfide ☐ Other:_____	☐ Faint ☐ Easily Detected ☐ Noticeable from a distance
Color	☐	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Other:_____	☐ Faint colors in sample bottle (bacteria) ☐ Clearly visible in sample bottle ☐ Clearly visible in discharge flow
Turbidity	☐	See Severity	☐ Slight cloudiness ☐ Cloudy ☐ Opaque
Floatables	☐	☐ Sewage (toilet paper, etc) ☐ Suds ☐ Oil Sheen ☐ Other:_____	☐ Few/slight ☐ Moderate ☐ Obvious

Section 5. Physical Indicators For Flowing/Non-flowing Water

Are physical Indicators that are not related to flow present? ☐ Yes ☐ No ***(if No, go to Section 6)***

Indicator	Check if Present	Description	Comments
Structural Damage	☐	☐ Spalling, Cracking, Chipping ☐ Corrosion ☐ Other:_____	
Deposits/Stains	☒	☐ Oily ☒ Flow line ☐ Paint ☐ Other:_____	
Vegetation	☐	☐ Excessive ☐ Inhibited ☐ Other:_____	
Pool Quality	☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:_____	Clear
Benthic Growth	☐	☐ Brown ☐ Orange ☐ Green ☐ Other:_____	

Section 6. Overall Discharge Characterization

☒ **Unlikely**
☐ **Potential (Flowing or Non-flowing condition with two or more indicators)**
☐ **Suspect (Flowing with one or more indicators with severity of 3)**
☐ **Obvious (Illicit discharge is occurring)**

If Overall Discharge Characterization is ***Suspect*** or ***Obvious***, **Conduct Source Investigation Immediately**

*65. If using reduced inspection frequency on stormwater treatment and flow control BMPs/facilities **regulated** by the Permittee for the first time during this permit cycle, attach documentation per S5.C.10.b.ii.*

SWSS

The following King County Codes authorize King County personnel to inspect and require maintenance of stormwater facilities.

- KCC 9.04.050 states that "Maintenance of all drainage facilities in compliance with King County maintenance standards is the responsibility of the applicant or property owner as described in the Surface Water Design Manual, except those facilities for which King County assumes maintenance and operation as described in K.C.C 9.04.115 and 9.04.120 and the Surface Water Design Manual".
- KCC 9.12.140 gives the director authorization to "make such inspections and take all actions that may be required to enforce this chapter".

Additionally, developers are required to record easements and covenants providing the County with right-of-entry and inspection of private drainage and stormwater control systems.

Private facilities regulated by King County are inspected per Permit requirements. Inspections are generally conducted year round as weather and scheduling permits.

In any given year, half of the private commercial facility inventory is visited by an inspector to confirm full compliance based on the maintenance standards in the SWDM.

The other half of the private commercial facilities regulated by King County complete a self-certified inspection in which they confirm full functionality of all facilities on their property.

For those properties with a history of consistent compliance, the inspection frequency may be reduced based on maintenance records.

KCIA

KCIA will continue annual inspections until periodic stormwater treatment facilities cleanings are instituted. KCIA is planning for implementation for 2021 and every three years, thereafter.

*68. If using reduced inspection frequency for municipally **owned or operated** stormwater treatment and flow control BMPs/facilities for the first time during this permit cycle, attach documentation per S5.C.10.c.i.*

King County owned or operated facilities fall into two general categories: residential facilities serving subdivisions and facilities associated with County properties.

SWSS is responsible for inspecting and maintaining approximately 1,100 residential facilities in unincorporated King County and cities with which the County contracts. As with private facilities, residential facilities with consistent compliance may be eligible for a phased inspection schedule.

SWSS uses **Roads** crews and vendor contractors to perform facility maintenance. Field inspection data for these facilities are entered into CityWorks from which the Roads crew supervisor accesses and assigns the work to be completed within the permit allotted time.

Inspectors also identify noxious weed removal needs and capital repairs or corrections, if needed. Additionally, citizen complaints may warrant a site inspection to identify corrections. The maximum duration between inspections is three years, but problem sites may require annual inspections and maintenance.

Spot inspections conducted after large rain events are performed by the respective **custodial agencies** and focus on the areas of greatest rainfall intensity based on rain gauge data. King County targets 350 of the facilities owned or operated by King County and at least 100 percent of required inspections are completed annually.

King County DOT – Metro Transit Division
2019 Catch Basin Inspection Narrative

Transit has a known inventory of 1,086 catch basins of which 926 were inspected in 2019. An additional 132 catch basins where not inspected as they will be included in circuits that will undergo deep-cleaning at least once during the current 2019-2024 permit cycle as is allowed per S5.C.10.d.i.c. These 132 catch basins last underwent deep cleaning in either 2017 (E-3 Busway - 100) or 2018 (Ober P&R – 3; Valley Center P&R – 3; South Lake Union Streetcar - 24) as is documented in our maintenance records.

Excluding the above-noted 132 catch basins from the system-wide tally results in 954 catch basins which warranted inspection, leading to a 97% inspection rate (925/954). Of the 926 catch basins inspected, 189 of them were found to be in need of cleaning owing to excessive sediment (>40% full as per Transit's in-house standard) and were subsequently cleaned using Transit's in-house vactor crew.

King County International Airport - 2019 Catch Basin Inspection Narrative

KCIA has implemented an alternative approach (S5.C.9.d.i.(3)) to cleaning catch basins due to its large number of structures, scheduling challenges of 24-hour airport operations , and enhanced daily mechanical sweeping of paved areas.

KCIA divides catch basin cleaning activities to east, west, and central areas, where frequency of cleaning is each area per year. Results of annual stormwater facility inspections, annual IC/IDDE inspections and daily pavement sweeping show that this frequency is the optimal. Catch basins are also cleaned on as needed basis in accordance with the Airport's Spill Response Policy and the occurrence of construction activities. Cleaning of catch basins and sweeping are also required for tenants as well. Stormwater conveyance pipe cleanings at the central area of KCIA was performed in June 2016. Catch basin cleaning was concluded in 2017 at the west area of KCIA. Apart from catch basins, stormwater lines were cleaned and video inspected for damage and other anomalies.

Stormwater discharge monitoring and reporting are performed quarterly at KCIA major drainage basins in accordance with its Industrial stormwater general permit requirements. KCIA performs these activities in compliance with its Industrial Stormwater General Permit (ISGP) requirements and accordance with its ISGP Stormwater Pollution Prevention Plan.

KCIA - Based on KCIA CAD drawings, KCIA, including tenant areas, has approximately 1,300 catch basins and manholes. This number vary each year based on tenant development and stormwater system upgrades.

KCIA completed its catch basin cleaning effort in 2017. The cleaning started in 2015 with the east portion and continued in the central portion in 2016, and concluding in 2017 with the west portion. The cleaning included line cleaning and video.

Documents such as maps, reports, and videos are filed in Airport Engineering. Information related to stormwater cleanings such as invoices are kept in Airport Maintenance.

78 and 83a. S5.C.11 Attach description of public education and outreach general awareness efforts

STORMWATER MANAGEMENT PROGRAM

Education and outreach summary - Water & Land Resources Division 2019 DRAFT Example entries

See Education and Outreach, Page 36 www.ecy.wa.gov/programs/wq/stormwater/municipal/phaseIpermit/2016Mod/2016phaseIpermit.pdf

		Permit citation S5.C.10	*a.i.1; a.i.2; a.ii.1; a.ii.2; b*											*a.i.1*	*a.i.1*	*a.i.1 a.ii.1*	*a.i.1 a.i.2*	*a.i.1*	*a.i.2*	*a.i.2*	*a.ii.1*	*a.ii.*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*b*	*c*
			Public: Mainstream	Public: Multicultural	School Age Children	Businesses	Home/Mobile-based Businesses	Engineers	Contractors	Developers	Planners, Land Use	Property Managers/Owners	Landscapers, residents	General impacts of stormwater on surface waters	Impervious surfaces impacts	Illicit discharge prevention, impacts and reporting	Low Impact Development, LID Best Practices	Environmental stewardship	Technical standards for site/erosion control	Stormwater treatment, flow control practices/facilities	chemicals, hazardous cleaners and materials, carwash soaps	Equipment maintenance	Yard care techniques	Use and storage of pesticides, fertilizers, household chemicals	Carpet cleaning, auto repair and maintenance	Vehicle, equipment, and home/building maintenance	Animal waste	Stormwater facility maintenance	Dumpster and trash compactor maintenance	Measure behavior change and adapt	Track program measures and reporting
Program name	**Program Contact**	**Program Description**	**Audience**											**Topics**																	
River and Floodplain Management on behalf of the King County Flood Control District	Sylvia Aro	River flood hazard information on flood-prone areas and education and outreach programs to promote flood preparedness and resiliency.	x	x		x				x	x	x	x					x						x						x	x
Flood preparation	Website	Information for residents and businesses on safe storage and disposal in preparation for flooding. www.hazwastehelp.org/Environment/flood-residents.aspx	x			x						x		x				x			x			x							
Basin Stewards	Janne Kaje	Work with rural landowners, communities and agencies to implement WRIA and conservation plans, on habitat protection and restoration projects, offer technical services and information on stream basin health.	x		x	x	x	x	x	x		x	x	x	x		x	x	x	x	x		x	x			x				x
Solid Waste Division	Joan Kenton	Recycling, waste reduction, environmental programs	x	x	x	x												x			x	x				x			x	x	x
Water and Land Resources Division	Doug Navetski	Environmental programs for residents, property owners, businesses.	x	x	x	x					x	x		x				x	x								x				

STORMWATER MANAGEMENT PROGRAM

Education and outreach summary - Water & Land Resources Division 2019 DRAFT

Example entries

See Education and Outreach, Page 36 www.ecy.wa.gov/programs/wq/stormwater/municipal/phaseIpermit/2016Mod/2016phaseIpermit.pdf

		Permit citation S5.C.10	*a.i.1; a.i.2; a.ii.1; a.ii.2; b*											*a.i.1*	*a.i.1*	*a.i.1 a.ii.1*	*a.i.1 a.i.2*	*a.i.1*	*a.i.2*	*a.i.2*	*a.ii.1*	*a.ii.*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*a.i.2*	*b*	*c*
			Public: Mainstream	Public: Multicultural	School Age Children	Businesses	Home/Mobile-based Businesses	Engineers	Contractors	Developers	Planners, Land Use	Property Managers/Owners	Landscapers, residents	General impacts of stormwater on surface waters	Impervious surfaces impacts	Illicit discharge prevention, impacts and reporting	Low Impact Development, LID Best Practices	Environmental stewardship	Technical standards for site/erosion control	Stormwater treatment, flow control practices/facilities	chemicals, hazardous cleaners and materials, carwash soaps	Equipment maintenance	Yard care techniques	Use and storage of pesticides, fertilizers, household chemicals	Carpet cleaning, auto repair and maintenance	Vehicle, equipment, and home/building maintenance	Animal waste	Stormwater facility maintenance	Dumpster and trash compactor maintenance	Measure behavior change and adapt	Track program measures and reporting
Program name	**Program Contact**	**Program Description**	**Audience**											**Topics**																	
Stormwater Services Section	Doug Navetski	Environmental programs for residents, property owners, businesses.	x	x	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x		x	x	x	x
Facilities Management Division	Chris Stenger	King County facilities							x			x						x			x	x	x	x	x	x	x		x		
Natural Yard Care	Website	King County transitioned and updated the website for partners. Provides Natural Yard/Lawn Care, workshops and partner web links: www.naturalyardcare.org	x										x										x	x							x
STORM (Stormwater Outreach for Regional Municipalities)	Mary Rabourn	Over 83 regional participating permitees. King County is a member of the core team. The team assists members in planning, grant applications, outreach campaigns, development of BMPs and capacity building. The goal is to coordinate regional outreach and education for the best efficiency and effectiveness.	x			x								x				x			x	x	x	x			x			x	x

King County Stormwater Services

Bear/Evans Creek FC TMDL Program 2019

Executive Summary

This document answers Question 85 of the Annual Report questionnaire from the Washington State Department of Ecology regarding King County's Phase I NPDES Municipal Stormwater Permit implementation activities for 2019.

In 2019, King County Stormwater Services (SWS) staff conducted bacterial source screening in the County's municipal separate storm sewer (MS4) in the Bear and Evans Creek basins, as required by the 2013-2018 and 2019-2024 municipal NPDES permits. Work and findings specific to year 2019 are summarized in this document.

The following is a brief list of highlights from SWS' work in 2019; details of each are included later in this document:

- A restaurant in the Evans Creek drainage basin was found to be illicitly connected to the stormwater system;
- A landscaping business in the Bear Creek drainage basin was determined to be discharging large loads of fecal bacteria in runoff to the County's MS4; the contamination originated in exposed piles of compost mixed with cow manure;
- A golf course in the Bear Creek drainage basin was found to be washing grass from equipment into a nearby stream, resulting in high *Escherichia coli* (*E. coli)* levels measured in the stream;
- Investigation and/or source-tracking continued at other locations of known or suspected illicit (bacterial) discharges, some of which have been mentioned in previous annual reports; and
- A new plan was drafted outlining SWS' approach to addressing its FC TMDL requirements in the Bear/Evans Creek watershed in permit cycle 2019-2024, in accordance with a new SWS FC TMDL standard operating procedure (SOP).

In 2020, King County SWS will continue both dry-season and wet-season reconnaissance and sampling work in its MS4 in order to comply with its FC TMDL requirements, as discussed more below.

Regulatory Requirements:

Under the Washington State Department of Ecology (Ecology) Phase I NPDES Municipal Stormwater Permit effective August 1, 2013, in Appendix 2 for the Bear/Evans Fecal Coliform Total Maximum Daily Load (FC TMDL), King County was required to perform the following:

- "Designate areas discharging via the MS4 to the TMDL area as high priority areas for illicit discharge detection and elimination. Complete IDDE field screening for bacteria sources in 50 percent of MS4 subbasins, including rural MS4 subbasins, by February 2, 2017 and implement the schedules and activities identified in S5.C.8 of the Phase I permit for response to any illicit discharges found."
- "Install and maintain animal waste education and/or collection stations at municipal parks and other Permittee owned and operated lands reasonably expected to have substantial animal (dog and horse) use and the potential for pollution of stormwater."

The previous permit expired in 2018, and because a new permit was not yet ready to be issued, Ecology mandated that permittees continue to work in the same geographic areas as in 2013-2018 until a new permit was ready.

A new permit was made effective August 1, 2019. The new permit contains the same requirements for King County in the Bear/Evans watershed, with respect to the FC TMDL, except that "previously unscreened" areas are to be the focus – that is to say, the 50% of MS4 subbasins not screened in the prior permit cycle. The permit deadline for IDDE screening is January 1, 2022.

Previous reports

The Annual Reports for this project for years 2015 through 2018, previously submitted to Ecology, may be consulted for descriptions of past work conducted by SWS, along with findings. Copies of these Annual Reports can be provided upon request.

Work conducted in the Bear/Evans Creek basin, year 2019

In 2019, the following work was carried out by King County SWS for its Bear/Evans Creek FC TMDL program:

- Investigation of suspected sources of fecal bacteria to Bear and Evans Creeks, and follow-up on known or eliminated sources;
- Dry-season conveyance screening and analysis of non-stormwater flows in the County's MS4;
- In-stream analysis for *E. coli*;
- Creation of a new plan outlining SWS' approach to addressing its FC TMDL requirements in the Bear/Evans Creek watershed in permit cycle 2019-2024;
- Mapping, as needed to fill information gaps, of the County's MS4 and surface-water drainage patterns in the Bear and Evans Creek drainage basins, as needed to fill information gaps; and
- Business inspection program source control inspections.

Investigation/follow-up on suspected/confirmed sources of fecal bacteria

In August 2019, during an inspection of a private, commercial stormwater facility in the Evans Creek basin, SWS staff noted malodorous, discolored water flowing through a catch basin. Laboratory testing confirmed the water as sewage. Limited dye testing by SWS found a restaurant sink connected to the stormwater system, but no sewage connection was found. The property ownership then

changed in October 2019. For months no progress was made in further investigating the illicit connection or correcting it. Finally, a plumber hired by the new owner found that one (not all) of the bathrooms on the site was indeed illicitly plumbed to the stormwater system. Work is now being performed to eliminate the illicit sewage discharge. (As a note, water leaving the impacted stormwater system would have infiltrated in a private stormwater pond; however, any overflow from the pond theoretically would have directly entered a nearby tributary to Evans Creek.)

In early 2019, SWS source control inspectors began working with a landscaping material supply company to reduce the loading of fecal bacteria from their site to Bear Creek. The company is located on a flat, poorly draining site between Bear Creek and lower Monticello Creek, just north of the City of Redmond. SWS had previously performed business source control inspections at the site, but only in the dry season. Multiple, recent observations of chocolate-brown, highly turbid water leaving the site during the wet season prompted SWS source control staff to revisit the business. The turbid water had been found to have very elevated levels of *E. coli*; samples had also shown the ruminant biomarker Rum-2-Bacteroidales to be present at significant levels. Company personnel subsequently revealed to SWS staff that the pile of material closest to the County's MS4 was amended with cow manure, possibly explaining the high ruminant biomarker levels. The company agreed to take measures to improve drainage on the site, in order to lessen the amount of water directly leaving the property by surface runoff. The company also committed to sweeping impervious site surfaces regularly. The company does not consider covering the piles to be a feasible option, as the piles are continually being accessed. SWS plans to monitor surface water leaving the site and entering the adjacent MS4, in order to assess whether the measures (best management practices, or BMPs) implemented by the company are having the desired effect of keeping sediment and fecal bacteria in the runoff at as low levels as achievable. If not, more engagement by SWS source control inspectors with the company regarding their site practices will be warranted.

In the summer of 2019, SWS staff noted pulses of slightly brownish, turbid water with an organic smell in a small, unnamed tributary to Bear Creek. The water had very high levels of *E. coli*, as confirmed with laboratory analyses. The small stream originates on a golf course at a country club. The foul water was found to be coming from the maintenance shed for the golf course, where grass clippings were being washed from golf carts and equipment into a stormwater drain. The maintenance supervisor agreed to relocate the washing activities to an area where the water would infiltrate. Monitoring thus far by SWS suggests relocating the wash area has successfully prevented grass clippings from directly entering the tributary, subsequently resulting in better-appearing water and lower bacteria results.

With regard to other suspected or corrected illicit discharges described in past Annual Reports:

- In 2015, SWS detected a major illicit discharge of wastewater from a private property within the City of Redmond to King County's MS4 (and thence to Bear Creek). The illicit wastewater discharge was eliminated in June 2017 by connecting the property to the municipal sanitary sewer. Subsequent to this successful resolution, several samples of surface

water runoff leaving the property and entering the County MS4 were collected and analyzed in 2018 and 2019. The preliminary results appeared to confirm that the egregious illicit discharge had been eliminated. To further confirm this, in summer 2019 flow sensors were deployed in the County catch basin down-gradient from the property on two separate occasions; each deployment lasted for a week. No dry-weather surface water discharges were detected by the sensors in the catch basin, indicating no sewage was flowing overland offsite but now was properly leaving via the new sanitary sewer connection. Additional samples are planned to be collected in 2020, if the sampling location—a small, private pipe connected to a County catch basin-- can be visited in wet weather during active runoff events.

- Two locations in the Cottage Lake Creek drainage basin with suspected failing OSS or other illicit bacterial discharges to the MS4 were discovered in 2015 and 2017. In both cases, investigations (including dye testing) by the Department of Public Health Seattle-King County could not identify a source. SWS plans follow-up sampling and investigation at both locations in 2020.

Other suspected sources of fecal bacteria in the Bear and Evans basins are still being investigated, and it is planned that work outcomes will be described in future annual reports, as appropriate.

Dry-season reconnaissance and sampling

During the dry season of 2019, SWS continued to prioritize the Bear and Evans Creek basins for IDDE screening, and continued to screen for bacteria sources at locations in the Bear/Evans basin where stormwater leaves the County's MS4. SWS took measurements of dry-weather, dry-season (non-stormwater) flows in its MS4 at 29 such locations in year 2019. Most of these locations were visited in response to previous elevated *E. coli* results. Investigations are ongoing at a small number of sites, but no specific, mitigable sources of fecal bacteria were identified during dry season investigations in 2019.

SWS has now visited all of the 954 locations in these creek basins where stormwater leaves the County's MS4. Since 2015, *E. coli* measurements have been made at all such locations (over 160 of the 954 just mentioned) where flowing water was found in the dry season. At most of these locations, pH, temperature, specific conductance and ammonium were also measured. These measurements have also been made at some locations with standing (not flowing) water, where poor pool quality at the outfall or in a nearby catch basin gave reason for concern. Dry-season inspection observations and collected analytical data are stored in SWS' stormwater geodatabase.

Altogether, water quality measurements were taken by SWS at 132 distinct locations in the Bear/Evans basin in year 2019. About 96 of these were locations in the County's MS4, and the rest were natural watercourses. All collected water quality data are stored in SWS' stormwater geodatabase. For a map of the locations where fecal bacteria measurements were made in the Bear-Evans watershed in 2019, please see Figure 1 at the end of this document.

In-stream basin characterization sampling, 2018-2019

As referenced in the following section, the area where focused MS4 screening will take place in 2019-2024 is, roughly speaking, the Cottage Lake Creek basin above the Tolt Pipeline, and the Bear Creek basin north of NE 133rd Street.

In preparation for the new upcoming permit cycle, from June 2018 to June 2019, tributaries to the main creeks in this area -- as well as various sites in the mainstems themselves -- were visited and, if flowing water was found, sampled for *E. coli* analysis with Coliscan© Easygels© (Easygels). These monthly in-stream measurements were meant to help identify which portions of the basin, if any, were contributing most towards any bacteria problems in the creeks. Easygels are a low-cost substitute for laboratory analysis that allows SWS to analyze a greater number of water samples for *E. coli* than it would at an accredited laboratory. SWS believes the data generated with the two methods are comparable.

A total of 30 sites were visited from mid-2018 to mid-2019, every 3-5 weeks; two samples were collected and analyzed with Easygels on each visit. Altogether, each site was visited 16 times over this period; thus over 30 Easygels were collected at most sites over the course of the year (the exceptions being those sites with ephemeral watercourses). Figure 3 illustrates the results of this work. At the confluence of the two creeks, Evans Creek consistently had lower results than Bear Creek. In both Bear and Cottage Lake Creeks, it appeared there was a general trend of increasing EC levels from upstream to downstream. Furthermore, the pattern seen at all sites – not represented in the map -- was one of relatively high concentrations of *E. coli* in samples taken in the dry season and in the early part of wet season, and low levels of *E. coli* the rest of the year. No sites exceeded the State bacteria standard for geometric mean (100 cfu/100 mL), but some sites did have exceedances of the 300 cfu/100 mL threshold more than ten percent of the time (in the map, these sites are indicated with a bright pink border).

While this sampling work provided some interesting information for consideration, and also a possible baseline for future work, it did not help home in on any specific sources of fecal bacteria. No sites particularly stood out, and it seemed that temporal trends (and generally, the washoff of the human landscape in storms) were more important than spatial (or site-to-site) trends. If there were any failing OSS or other specific, anthropogenic fecal bacteria sources impacting any of these creeks, those impacts could have been diluted or mixed out by the time the water reached the mainstems or the mouths of the tributaries. As a final note, Coliscan© Easygel© is not a standard method, and results with this method could be biased low relative to results obtained with SM 9213D.

Mapping work

King County's MS4 in the Bear and Evans basins consists of over 270 miles of conveyance, and roughly 7000 catch basins or manholes. At the beginning of this FC TMDL program, mapping data in many locations in these basins were either outdated or incomplete. In 2018, SWS finished its mapping of the Bear and Evans basins, with the exception of some minor anomalies (buried structures, etc.). Further mapping analysis in 2019 of the conveyance system turned up another dozen or so additional locations in the Bear/Evans watershed where water leaves the County's MS4, which had not been identified by the end of 2018. The rate of discovery of such locations has been decreasing, suggesting that the MS4 is mapped more or less completely in this geographic area. SWS has also been mapping the locations of ephemeral watercourses that are not included in available databases (e.g. the National Hydrography Dataset or the King County GIS watercourse dataset). Improvement of the County's mapping data is an important aspect of the FC TMDL program described here.

Preparation in 2019 for new permit cycle

As stated above, a new NPDES permit became effective on August 1, 2019. Since that time, King County SWS has done the following work to comply with its FC TMDL requirements in the Bear/Evans watershed.

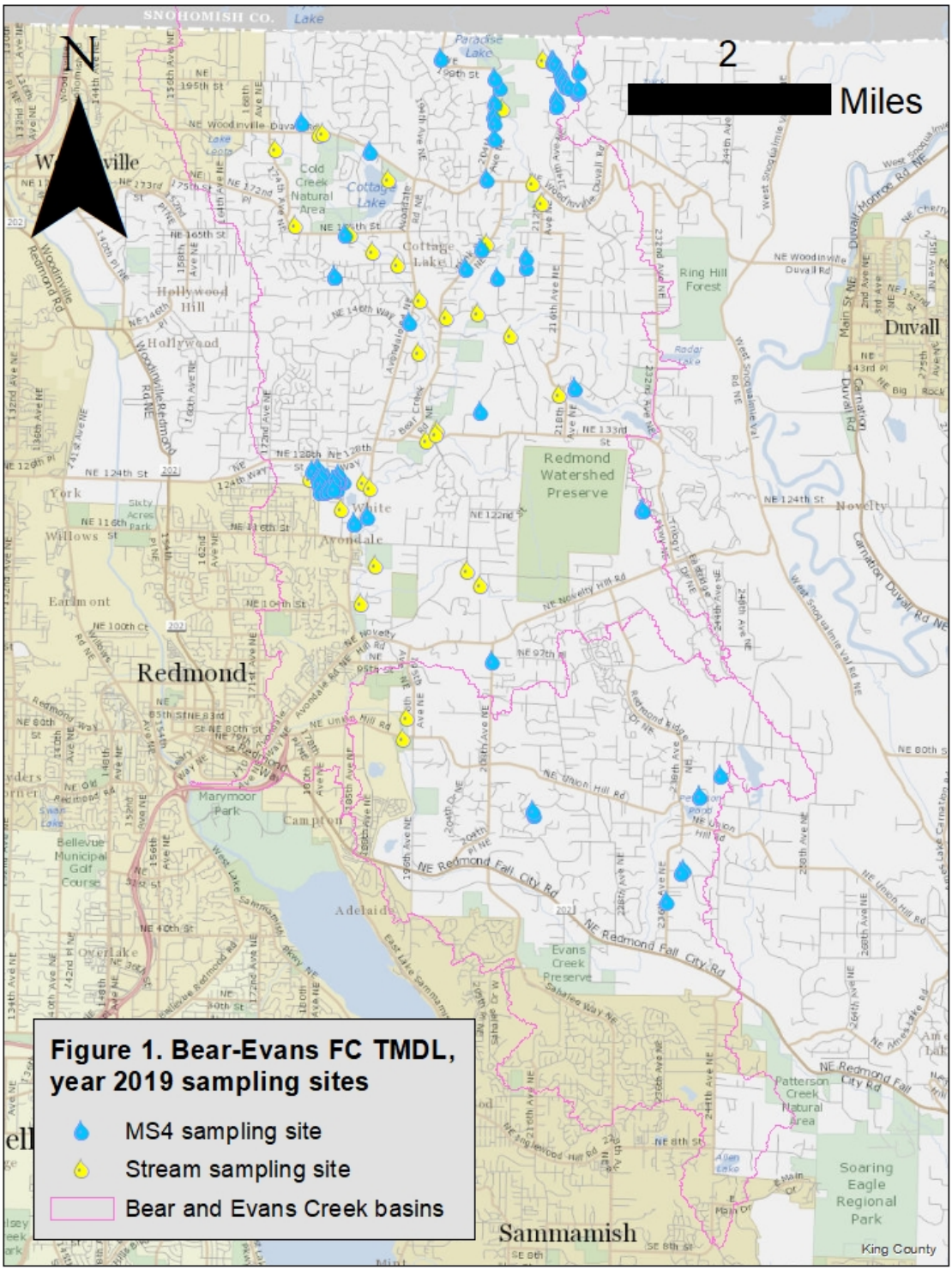
- Developed a written plan to screen its MS4 for bacteria sources in the Bear/Evans watershed for permit period 2019-2024
- Defined a geographic area where screening activities will take place during the 2019-2024 permit period (specifically, the Cottage Lake Creek basin above the Tolt Pipeline, and the Bear Creek basin north of NE 133rd Street)
- Defined a geographic area where screening activities will take place in 2019-2020
- Begun to carry out its 2019-2020 work plan

SWS' written plan to screen its MS4 in the Bear/Evans watershed is available upon request. The area where screening for bacteria sources will take place in 2019-2020 is shown in Figure 2. The results of screening work in 2019-2020 will be summarized in next year's annual report to Ecology.

Business inspections. SWS' existing business inspection program was leveraged to support this FC TMDL work. Besides the landscaping materials business mentioned above, dozens of commercial properties in the Bear and Evans basins were identified as needing their once-per-five-year source-control inspection in 2019. Two of the properties visited by SWS source control staff in 2019 were equestrian farms and another was a farm raising pigs and chickens. SWS staff review manure handling practices at all three locations. At one of the equestrian farms (Legacy Hunters and Jumpers), located on a tributary to Bear Creek, the business agreed to improve its manure management and equipment-cleaning procedures to avoid illicit discharges to a nearby catch basin. At the other equestrian business (Derby Farms), a tributary to Cottage Lake flows through the

property, but it was determined that manure storage was sufficiently far from the creek. At the pig and chicken farm (Keep It Simple Farm), located on the main stem of Bear Creek, the business agreed to not add chicken manure to its compost pile, and instead throw it in the dumpster, in order to avoid contamination of the nearby creek.

----end of write-up. Figures on following pages---


N
2
Miles
Redmond
Duvall
Sammamish
Novelty
Hollywood
Avondale
Cottage Lake
Redmond Watershed Preserve
Ring Hill Forest
Evans Creek Preserve
Soaring Eagle Regional Park
King County
Figure 1. Bear-Evans FC TMDL, year 2019 sampling sites
MS4 sampling site
Stream sampling site
Bear and Evans Creek basins

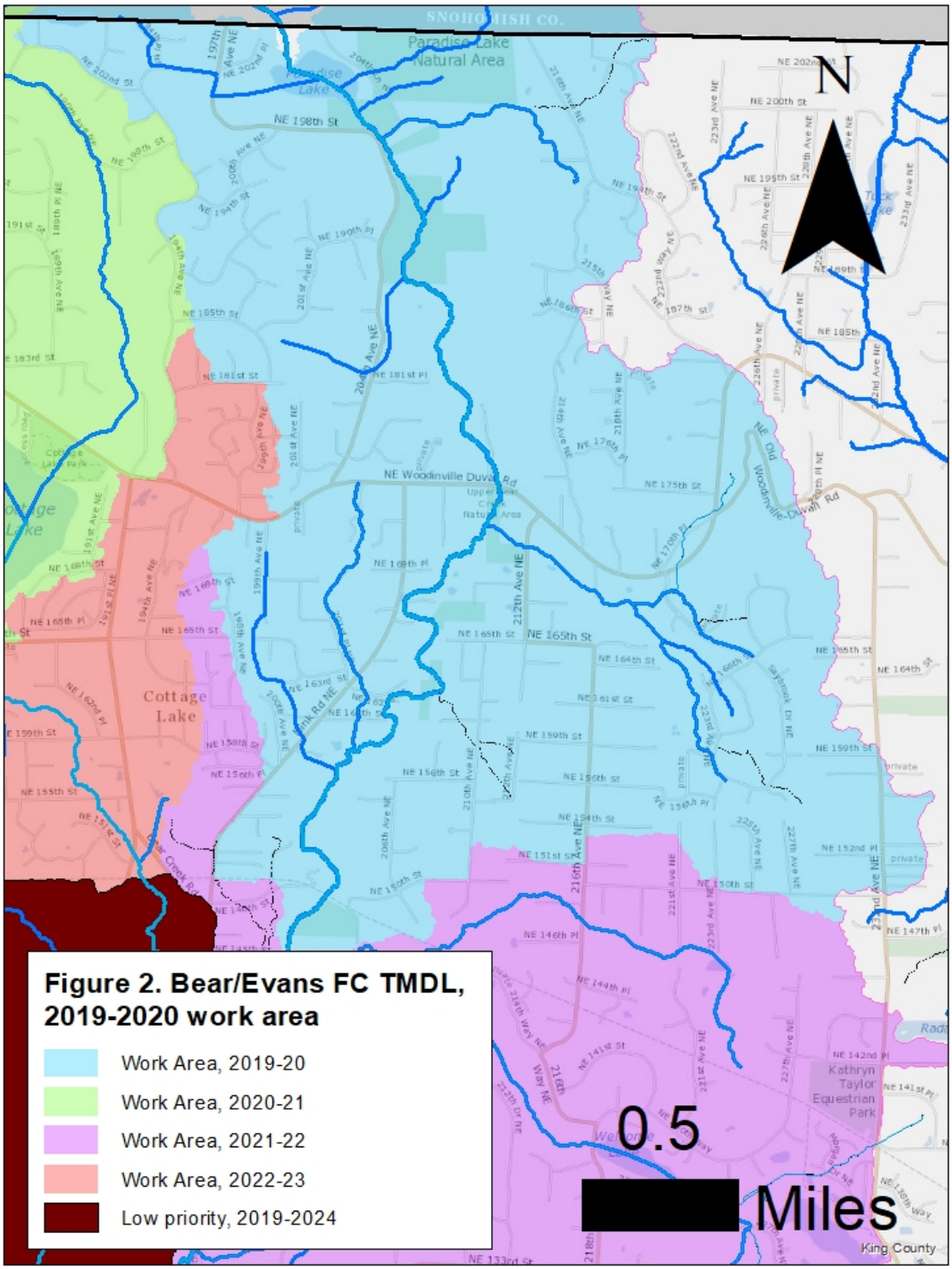


Figure 2. Bear/Evans FC TMDL, 2019-2020 work area
Work Area, 2019-20
Work Area, 2020-21
Work Area, 2021-22
Work Area, 2022-23
Low priority, 2019-2024
N
0.5
[redacted] Miles
King County
Paradise Lake Natural Area
Cottage Lake
NE Woodinville Duvall Rd
NE Old Woodinville-Duvall Rd
Kathryn Taylor Equestrian Park

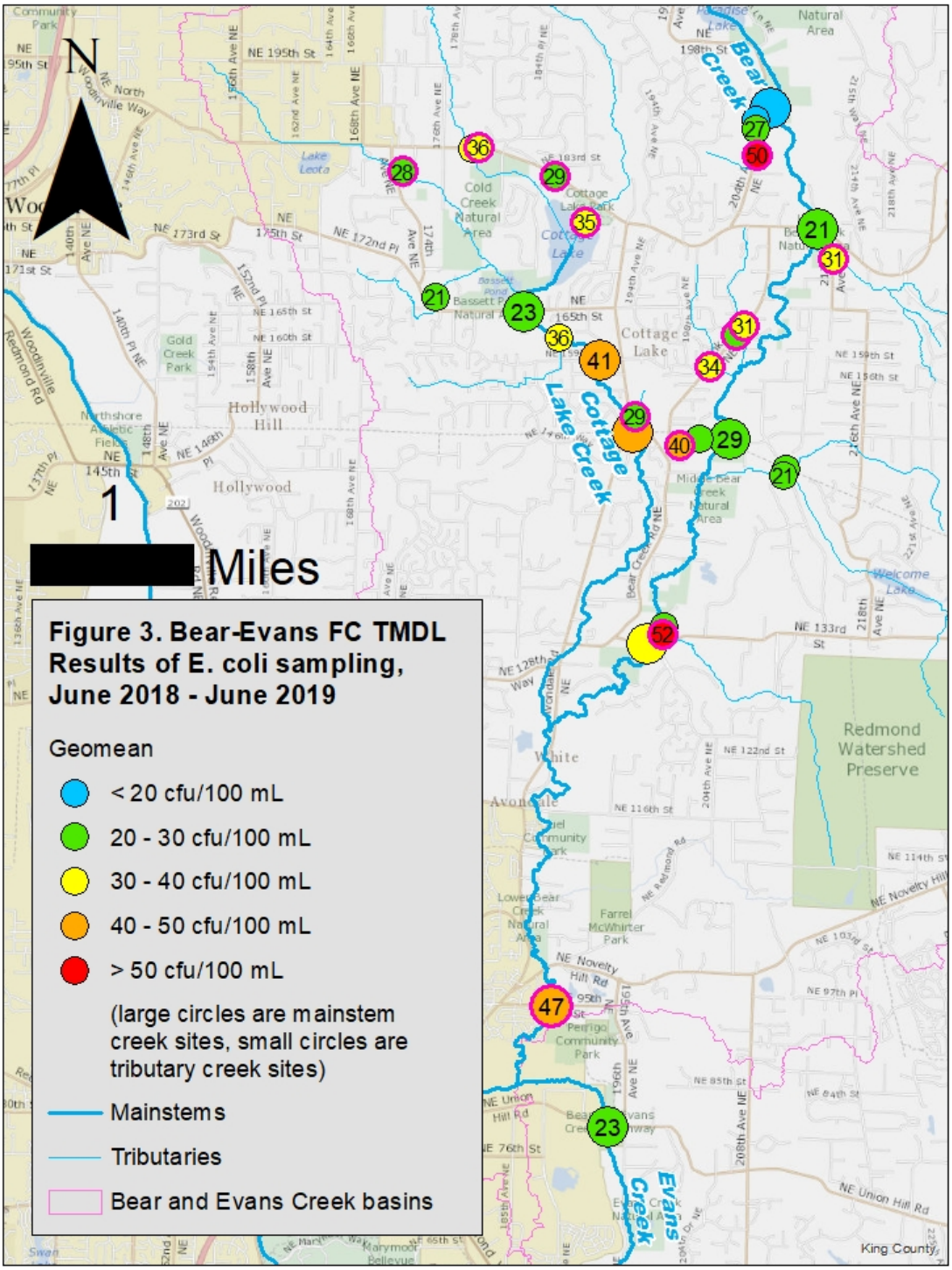


Fig 3. Note: Pink outlined sites are where 300 cfu/100 mL was exceeded more than 10% of sample events

King County Science & Stormwater Services Sections
Issaquah Creek FC TMDL Program 2019

Introduction

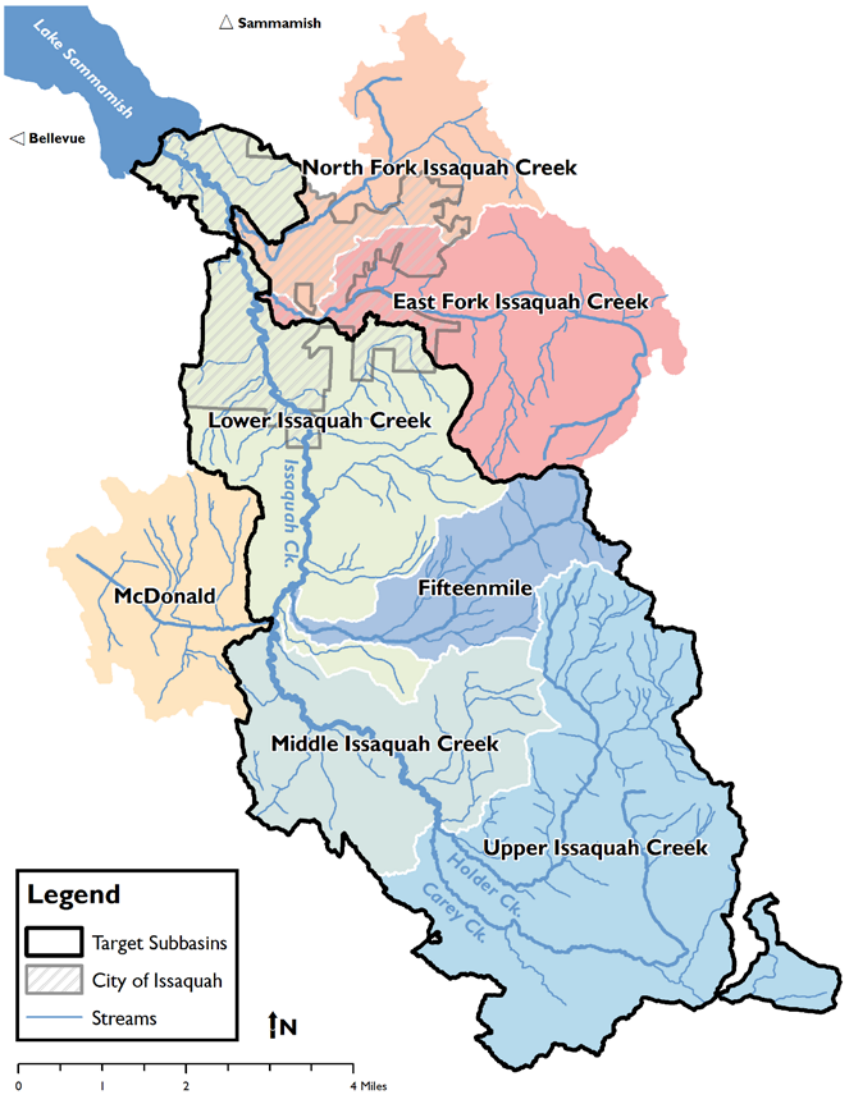
This report fulfills question 85 of the Washington State Department of Ecology's annual report questionnaire related to the National Pollutant Discharge Elimination System (NPDES) Phase I Municipal Stormwater Permit for King County for the year 2019.

The Issaquah Creek basin is located in the Cedar/Sammamish basin in Water Resources Inventory Area 8 (WRIA 8) in King County in western Washington State. The middle and upper Issaquah Creek subbasins are considered Regionally Significant Resource Areas because of their exceptional fisheries habitat and forested land cover. However, there are several factors contributing to the decline of fish habitat within the basin, including the exceedance of nutrient loadings and State water quality standards during storm events.

Segments of Issaquah Creek and its tributaries have also regularly exceeded State fecal coliform standards. In 2004 the Washington State Department of Ecology implemented a Total Maximum Daily Load (TMDL) plan to reduce fecal coliform concentrations in impaired segments and maintain the health of unimpaired reaches. The plan identified likely sources of contamination to include fecal material from failing septic systems, domestic animals, and wildlife; with transport mechanisms including urban and rural stormwater conveyance systems.

Under Appendix 2 of the 2013 – 2018 Phase I National Pollution Discharge Elimination System (NPDES) Municipal Stormwater Permit, the jurisdiction of King County was required to perform certain tasks to attempt to reduce bacterial loadings to Issaquah Creek and its tributaries. One requirement was to perform bacteria source screening in at least 50 percent of the Issaquah Creek municipal separate storm sewer system (MS4) subbasins. (Map 1 shows the seven mapped Issaquah MS4 subbasins.) A second requirement was for the County to inventory its properties to ascertain if any can benefit from installing pet waste collection stations or waste pick-up reminder signs.

The 2019 – 2024 NPDES Permit took effect in July of this year (2019). Its requirements for the Issaquah Creek TMDL are very similar to the previous permit cycle, with the only difference being the requirement to perform illicit connection/illicit discharge detection and elimination in the remaining subbasins not screened under the previous permit. The following document describes King County's efforts in 2019 to continue to fulfill these requirements, including detailed findings.



Map 1: Seven MS4 subbasins of Issaquah Creek. The four subbasins bounded in black were the focus of work performed 2016 to mid-2019. From mid-2019 on, the remaining three subbasins (McDonald, East Fork of Issaquah, and the North Fork of Issaquah) were the geographic work focus. (Image from Annual Report for 2018.)

High-Level Task Description Narrative

Mapping: Updates and corrections to the King County MS4 asset inventory (GIS mapping work) had earlier occurred throughout 2017-2018. Occasional improvements were also made as needed in 2019. 2019 work focused on verifying MS4 outfalls and documenting natural drainage through the MS4 system.

Conveyance Screening Program field reconnaissance: Dry season, dry weather Conveyance Screening Program (CSP) inspections within the four previously targeted subbasins (under the previous permit) were completed for the most part by the end of 2018. Three additional CSP inspections occurred in these original target subbasins in 2019 to account for newly mapped outfalls. In the three target subbasins under the 2019 – 2024 permit, 60 CSP inspections were completed in the 2019 dry season.

(The CSP is an effort also mandated by the previous 2013 and current 2019 permits; namely, the requirement to screen 12%, on average, of the conveyance system annually for illicit discharge evidence.)

Establish sampling sites: Sampling sites in both the MS4 and in natural waters had been originally established in 2016 under the previous permit and the subsequent sampling & analysis plan for Issaquah Creek FC TMDL. Additional sampling sites were established as needed in 2019.

Collect & analyze water samples, 2019: In 2019, for various reasons and in various subbasins, as detailed below, water samples were collected from the MS4 and natural waters, and analyzed for bacterial parameters.

New work plan development: No updates to the SAP written under the prior permit were made in 2019; the Issaquah-basin specific SAP had been completed in November 2016.
View the SAP here: http://your.kingcounty.gov/dnrp/library/2016/kcr2823/kcr2823-rpt.pdf
A new work plan for the 2019 - 2024 NPDES General Permit was developed in late 2019, in accordance with the recently developed King County Stormwater Services' FC TMDL standard operating procedure (SOP), which is available from King County Stormwater Services upon request.

Animal waste collection stations and waste pick-up reminder signs: The permit requirement for King County regarding pet waste collection and pet waste pick-up reminder signs was addressed in the Issaquah Creek basin in 2017; the 2017 annual report may be consulted for details.

Conveyance Screening Field Reconnaissance, and Sampling & Analysis Findings, 2019

Conveyance Screening Program in summer

See Appendix A, Figure 1 for a map of all CSP inspections.

There were a total of 63 CSP inspections logged in Issaquah Creek basin between 7/31/2019 and 10/1/2019. Of these 63 inspections, 59 of them had no actively flowing water and no other indicators of potential contamination. Three sites had low amounts of flowing water but were not accompanied by any other indicators of pollution. It is assumed that these three sites were conveying groundwater but more sampling and measurements will be completed in 2020. One CSP inspection found an obvious sign of contamination in the McDonald Creek basin. A catch basin was found to have foul smelling powder-blue/hoary-colored water. There were no signs of the influent stormwater pipes conveying such water so it was assumed it was a one-off illicit discharge ('midnight dumping'). The foul smell and light blue staining may indicate that this was RV wastewater but follow-up samples and measurements did not indicate that there was untreated sewage in the water. Only specific conductance (a field indicator) was moderately elevated above normal surface water conductivity levels. Additionally, there were no signs of the pollution downstream of the catch basin so it was assumed that the water dispersed in an area of open space and did not flow to a receiving water.

Two additional CSP inspections were followed up on. Neither site at this time is deemed to warrant further investigation. One site could not be sampled due to it not having flowing water on its re-inspection; there were no field indicators of concern. The other follow-up visit occurred at locator "Issaquah_20043" located in a roadside ditch on SE 132nd Way; this sample was previously mentioned in

the 2018 annual report. This site had a high *E. coli* concentration of 720 CFU/100mL in water collected in a flow infiltrating to ground in summer 2018. *E. coli* concentrations during subsequent visits were very low--only 10 CFU/100mL in October 2018 and <20 CFU/100mL in January 2019. There have been no obvious field indicators of concern at this site; however, some follow-up at this site may be warranted as time and resources allow, going forward into 2020.

Wet weather Mirrormont "microbasin" reconnaissance and sampling & analysis

Mirrormont is a 1.64 square mile 'census designated place' (CDP) located in the Middle Issaquah Creek subbasin (see Map 1 for subbasin location). Most of the Mirrormont area is classified as higher density rural subbasin (HDRS) and contains the highest density of King County stormwater assets (pipes, catch basins and ditches) within the four previously targeted subbasins of Issaquah Creek. For this reason, the Mirrormont neighborhood was considered a logical focus of this FC TMDL field screening work, which focuses on MS4 features.

A number of intermittent and first-order perennial streams drain the Mirrormont area and flow directly into the mainstem of Issaquah Creek. In order to better understand possible contributions of fecal pollution from this community to Issaquah Creek, the Mirrormont portion of Middle Issaquah Creek subbasin overall was subdivided into nine "microbasins" where the small streams cross Issaquah-Hobart Road. In the winter and spring of 2018, reconnaissance was performed in five of these nine microbasins (reconnaissance was prioritized by the number of 'links', or places where water enters or leaves the MS4, within each microbasin). During reconnaissance:

- All links were physically visited and conditions documented
- Coliscan© Easygels© (EZgels) were collected at all links with flowing water
- EZgels were collected at each microbasin outlet
- The source of water within each microbasin was traced in order to understand where flow was originating
- Windshield survey of properties was performed within each microbasin to see if there could be obvious sources of contamination such as failing septic systems

In January of 2019, the remaining four Middle Issaquah Creek microbasins of the Mirrormont neighborhood were reconnoitered; these were called out in the 2018 annual report as microbasins R, U, V and W in figure 3 of that report. Based on EZgel results, there does not appear to be widespread fecal contamination in the King County MS4 during wet season base flow; all 14 samples taken had *E. coli* concentrations less than the EZgel method detection limit (MDL) for *E. coli* of 20 CFU/100mL. Further, windshield surveys of properties did not reveal any obvious sources of contamination, though surveys were limited to portions of properties visible from the public right-of-way. Most water flowing in the King County MS4 in the Mirrormont area during wet weather baseflow originated from seeps/springs and ephemeral streams discharging from forested hillsides, with a smaller amount coming from private property yard and roof drains.

Sampling Events Summary, four previously targeted subbasins and McDonald Creek Basin

For the following 2019 sampling events, samples were analyzed using EZgels. Based on preliminary EZgel *E. coli* results, sites with relatively elevated levels were subsequently collected and submitted to the King County Environmental Lab (KCEL) for *E. coli* and qPCR Bacteroidales DNA analyses.

January 24: Samples were collected and analyzed for *E. coli* at 21 different sites in the Middle and Lower Issaquah Creek subbasins. See Figure 2 and Table 1 in Appendix A for map of sampling locations and

sample results. As mentioned in the Mirrormont wet weather screening work summary above, 14 of these sites had samples that were collected for the purposes of screening the four Mirrormont neighborhood microbasins not targeted in 2018. These Mirrormont neighborhood sample results were all below the MDL.

For the remaining seven sites, only three sites were of interest enough to warrant further 2019 investigation, as noted below:

Issaquah_88183: Five samples were collected to follow up on an elevated result (in annual report for 2018 this is located in microbasin "Y" in Middle Issaquah Creek subbasin). On 3/22/2018, this site had an *E. coli* level of 7,360 CFU/100 mL; however, this high a result has not been repeated since. This site was again sampled on 1/24/2019, concurrent with sampling at four additional upstream source tracing sites. The site result on 1/24/2019 was low, at 30 CFU/100mL. The four upstream sites on this date all had concentrations below the MDL.

Issaquah_4601: (In the annual report for 2018, this site is located in 'microbasin T'.) In 2018, a sample had been collected at this site, to help follow up on a nearby site (Issaquah_19420) which earlier in 2018 had a high *E. coli* result of 710 cfu/100 mL. On 1/24/2019 the result for *E. coli* at Issaquah_4601 was a very low 10 CFU/100mL.

Issaquah_20043: As mentioned above in the summary for dry weather conveyance screening work, elevated *E. coli* results in 2018 warranted further follow-up in 2019 for this ditch location along SE 132nd Way in Middle Issaquah Creek subbasin. The sample collected in wet weather screening on 1/24/2019 had *E. coli* below the MDL of 20 cfu/100 mL. No obvious field indicators of concern have been noted at this site.

April 15: Seven samples were collected in various areas in the basin to follow up prior elevated results. See Figure 2 and Table 2 in Appendix A for map of sampling locations and sample results. These were:

- Issaquah_20043_DW which is associated with Issaquah_20043 along SE 132nd Way.
- Issaquah_88183 and two upstream source tracing sites (in the 2018 annual report this is located in Mirrormont 'microbasin Y')
- Issaquah_87503, Issaquah_87544, and Issaquah_85695 in the Hobart area of Middle Issaquah Creek subbasin

Most of the results were unremarkable. Only one of the sites had an *E. coli* concentration greater than 100 cfu/100 mL, which was Issaquah_87544 in the Hobart area with a result of 160 CFU/100mL. All qPCR tests analyzed had results less than the MDL for their respective host species. These sites remain of interest for some further investigation in 2020.

June 19: Two sites were sampled on this event; See Figure 2 and Table 3 in Appendix A for map of sampling locations and sample results:

- Issaquah_132236 (in the 2018 annual report, this located in Mirrormont 'microbasin C'). This was sampled to follow up on an elevated result of 1,270 cfu/100mL on 10/18/2018. The *E. coli* concentration on 6/19/2019 was 22 CFU/100mL. At this time no further investigation is considered warranted, based on this low result and that there are no obvious field indicators of contamination.

- Issaquah_UNT_CG was sampled in the main stem of Issaquah Creek to follow up on a previous citizen water quality complaint related to a church property upstream of this site. An *E. coli* concentration of 230 CFU/100mL for the 6/19/2019 sample was lower than the first sample collected on 9/13/2018, which had a result of 560 CFU/100mL. As this originated as a citizen complaint that could possibly have some merit, this site remains of interest for further investigation in 2020.

Five Basin-Wide Wet Season In-Stream Sampling Events

Wet season in-stream sampling was conducted as part of ongoing 'basin characterization' effort to attempt to bracket any mainstem or tributary segments which may have elevated bacterial levels. Wet season stream sampling was conducted in 2019 on 10/16, 10/30, 11/13, 11/25, and 12/4. This autumn 2019 wet season sampling was conducted basin-wide, but the three 'new' target subbasins (McDonald Creek, East Fork of Issaquah Creek and North Fork of Issaquah Creek) were prioritized more than the other subbasins. See Figure 3 and Tables 4-5 in Appendix A for the map of sampling locations and sample site descriptions and results. Samples were collected at 12 sites in the main stem of Issaquah Creek as well as its major tributaries. All these sites were analyzed for *E. coli* using both the standard membrane filtration method at King County Environmental lab and by the EZgel method. All samples were also analyzed by the lab using qPCR methodology for Hu-2-Bacteroidales and can be retroactively analyzed—if warranted-- in the future for additional DNA markers for ruminant, cow or dog waste.

Summary of autumn 2019 wet season in-stream sampling, by event dates:

- **October 16**: This event had the highest overall geometric mean for all events for *E. coli* despite the fact that McDonald_Crk_RM2 and McDonald_Crk_RM2B were not sampled due to lack of flowing water (these two sites having the highest overall geometric means of all sites across the five events). This is likely because this event was closest to being a "first flush" event. The highest single *E. coli* result of all events occurred on this date at CLO-146351 with a value of 1,900 CFU/100mL. This sample was also the only sample collected in the five events to have a Hu-2-Bacteroidales result greater than the MDL. The only other site with an elevated *E. coli* concentration greater than 100 was Issaquah_Crk_RM6 with a result of 480 CFU/100mL.

- **October 30:** This event had the second highest overall geometric mean of the five events. This was the first event that McDonald_Crk_RM2 had flowing water due to a significant amount of rainfall the week prior. The result at McDonald_Crk_RM2 was 490 CFU/100mL. No other sites had *E. coli* concentrations greater than 100 CFU/100mL, with only a few greater than 50 CFU/100mL. No Hu-2-Bacteroidales results were detected above the MDL.

- **November 13:** This event had the second lowest geometric mean overall of the five events. All locations had *E.* coli concentrations of less than 30 CFU/100mL except for McDonald_Crk_RM2 which an elevated result of 930 CFU/100mL (this was the second highest single result overall behind the CLO-146351 sample collected on 10/16). No Hu-2-Bacteroidales results were detected above the MDL.

- **November 25:** This event had the third highest overall geometric mean of the five events. The *E. coli* results were generally unremarkable. The highest concentration was again at McDonald_Crk_RM2 but, this time it was significantly lower than the 11/13 result at 150 CFU/100mL. The two other results that were greater than 50CFU/100mL were also along McDonald Creek. This No Hu-2-Bacteroidales results were detected above the MDL.

- **December 4:** This event had the lowest overall geometric mean of the five events. Again, the highest result was at McDonald_Crk_RM2 with a concentration of 130 CFU/100mL. The only other site that had a value greater than 50 CFU/100mL was its upstream location, McDonald_Crk_RM2B with a result of 96 CFU/100mL. No Hu-2-Bacteroidales results were detected above the MDL.

Summary of above autumn 2019 wet season in-stream events: Overall, the *E. coli* concentrations were fairly low. Few sites had results that were greater than 50 CFU/100mL. The standout site was McDonald_Crk_RM2 which had repeated high results significantly greater than the other sites sampled. The high *E. coli* result and detection of Hu-2-Bacteroidales at CLO-146351 on 10/16 is significant, but these numbers have not been repeated since the first event. Other than McDonald_Crk_RM2 and McDonald_Crk_RM2B, the site with highest geometric mean was Issaquah_Crk_RM6, the most downstream site on Issaquah Creek before it leaves King County's jurisdiction. Land use characteristics between its upstream sites is primarily rural and forested, with most of the denser development draining to Issaquah Creek above site Issaquah_Crk_RM9. The few exceptions are McDonald Creek, Fifteenmile Creek and some unnamed tributaries to Issaquah Creek draining portions of Mirrormont, Four Creeks Ranch, and SE 132nd Way.

Upcoming Work in 2020

- **Follow-up on findings of the five wet season 2019 in-stream sampling events.**
  - **Analyze archived samples for additional qPCR markers.** McDonald_Crk_RM2, McDonald_Crk_RM2B, CLO-146351, and Issaquah_Crk_RM6.
  - **Follow up on potential pollution sources above McDonald_Crk_RM2.** Establish upstream source tracing sites and collect analytical samples.

- **Continue to investigate sites with unresolved high sample results and water quality complaints from past years.**
  - The Hobart area had numerous and very elevated levels *E. coli* as well as several detections of different qPCR biomarkers.
  - The Mirrormont neighborhood had some high results. Many of these have not been repeated, but further investigation is warranted before dropping these sites completely.
  - The occupants at the Mirrormont property with a failing OSS that created a cesspool near Issaquah-Hobart Rd first discovered in 2017 vacated the property in September 2019. The house cannot be occupied until the OSS is up to code. Follow-up to confirm the surfacing septage has ceased.
  - A church located near the main stem of Issaquah Creek was suspected to have a failing OSS or was directly pumping sewage to a tributary of Issaquah Creek. Public Health investigated and determined that there was no malfeasance. Some more sampling or monitoring with passive data loggers could be utilized to confirm there is no problem here.

- **Begin source tracing work in the other 50% subbasins of Issaquah Creek**
    - Finalize work plan for the 2019-2024 NPDES Phase I Municipal Stormwater Permit for Issaquah Creek FC TMDL, based on the new Stormwater Services FC TMDL SOP approach.
    - Begin sampling the McDonald Creek basin intensively in the wet season.
        - Delineate microbasins and establish sampling sites
        - Take in-house EZgel samples and follow-up any elevated results with further lab analysis
        - Perform desktop analysis to better understand potential pollution sources
    - Perform dry weather (CSP) screening in the other 50% subbasins. Follow up on dry season flows found in 2019.

-----end of report for Issaquah FC TMDL work in 2019. Appendix A follows----

Appendix A: Tables and Figures

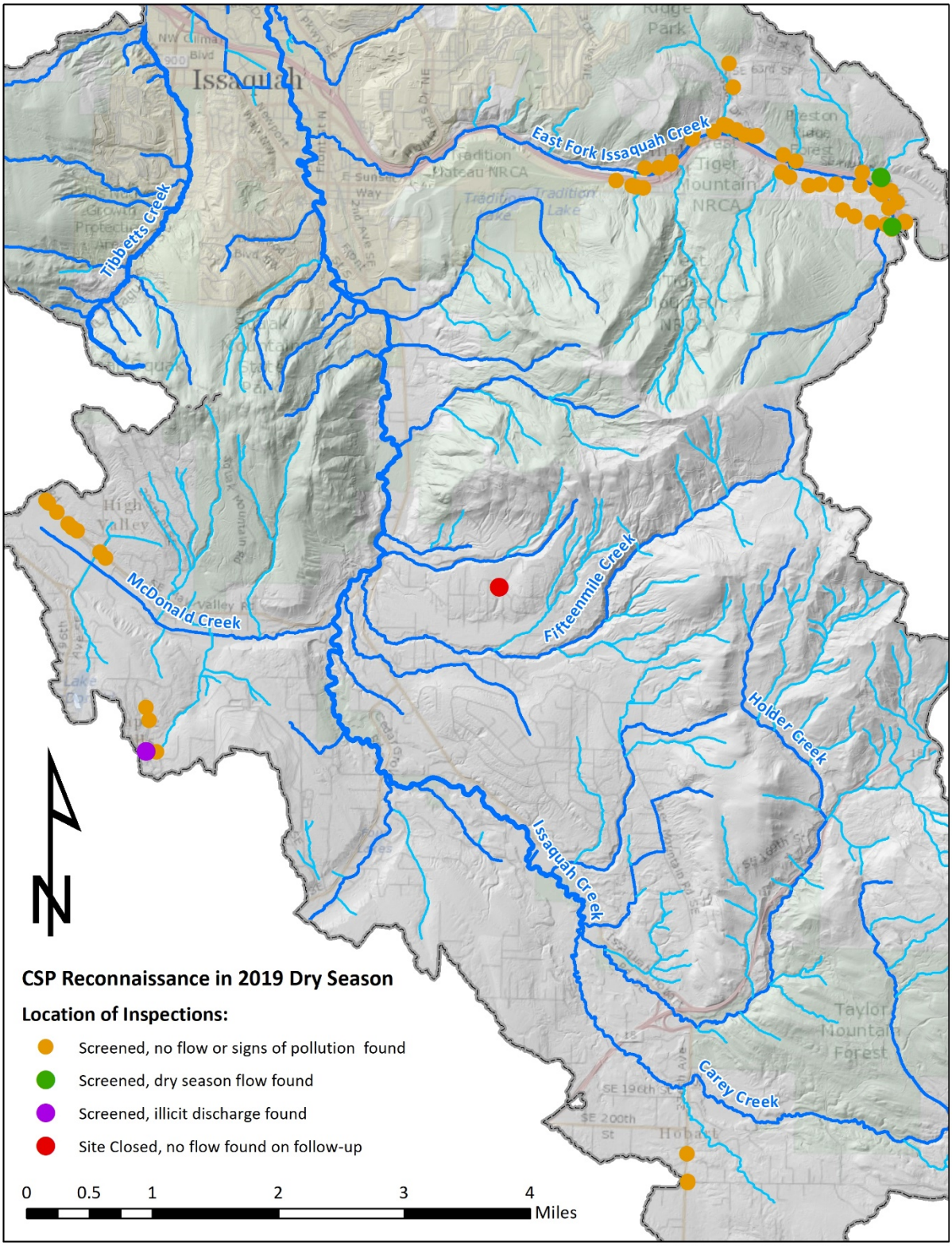


Figure 1: Map of CSP inspections in 2019 dry season

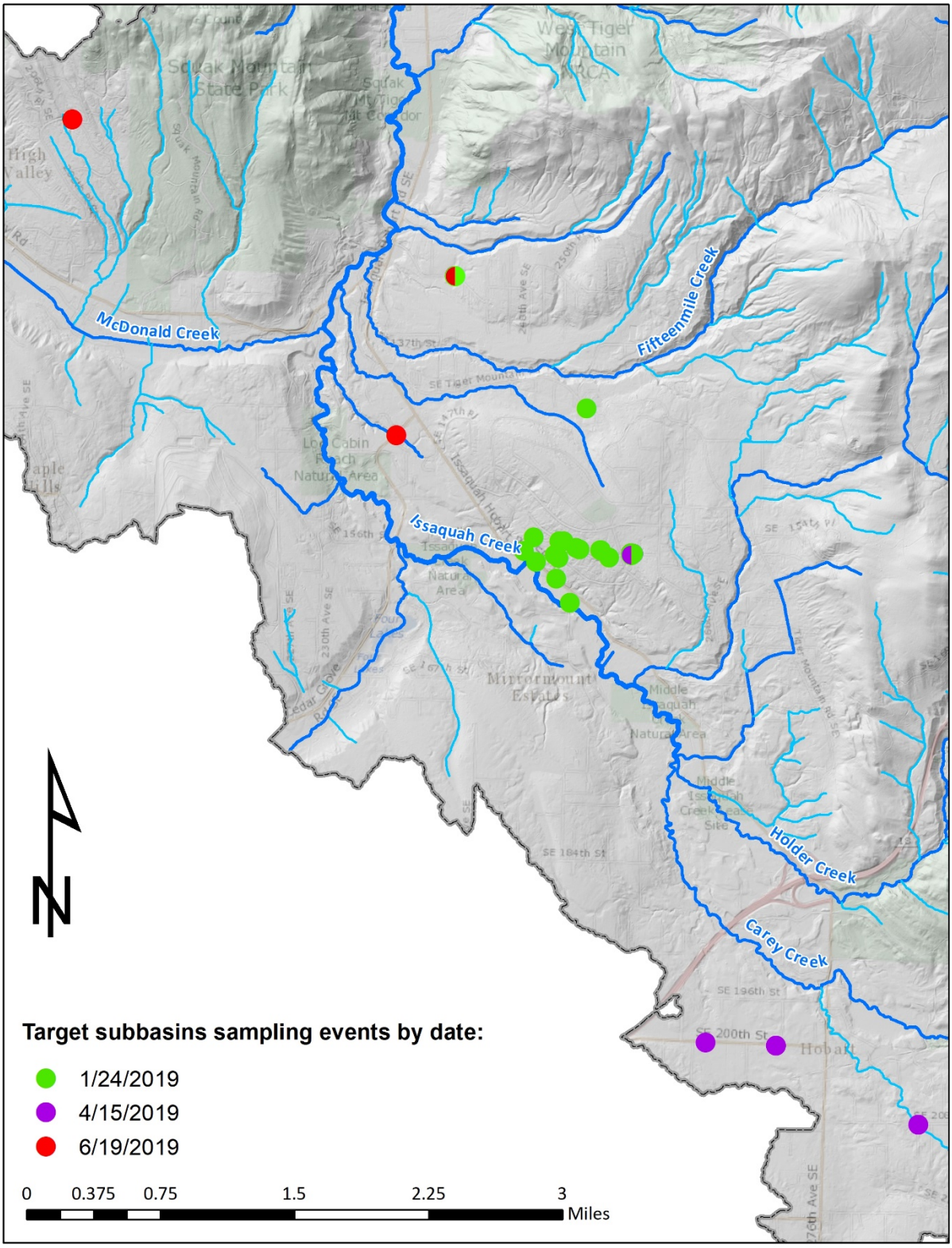


Figure 2: Map of sampling locations during the first half of 2019

Table 1: January 24 event E. coli *results*

Site Name	*E. coli*
ISSAQUAH_20043	< MDL
ISSAQUAH_4575	< MDL
ISSAQUAH_4601	10
ISSAQUAH_88183	30
ISSAQUAH_88183_W	< MDL
ISSAQUAH_88183_E	< MDL
ISSAQUAH_88183_E1	< MDL
ISSAQUAH_88183_E2	< MDL
ISSAQUAH_24268	< MDL
ISSAQUAH_130587	< MDL
ISSAQUAH_22352	< MDL
ISSAQUAH_V1	< MDL
ISSAQUAH_V2	< MDL
ISSAQUAH_V3	< MDL
ISSAQUAH_V4	< MDL
ISSAQUAH_V5	< MDL
ISSAQUAH_4637	< MDL
ISSAQUAH_88674	< MDL
ISSAQUAH_20911	< MDL
ISSAQUAH_88324	< MDL
ISSAQUAH_19222	< MDL

Notes:
-Results are for Escherichia coli
-Units: CFU/100mL
-Method: Coliscan Easygel
< MDL = Less than method detection limit (20 CFU/100mL)

Table 2: April 15 event results

Site Name	*E. coli*	Hu-2	Cow-2	Cow-3
Issaquah_85695	10	< MDL	ns	ns
Issaquah_87544	160	ns	< MDL	<MDL
Issaquah_87503	29	ns	ns	ns
Issaquah_20043_DW	1	< MDL	ns	ns
Issaquah_88183	68	< MDL	ns	ns
Issaquah_88183_W	52	< MDL	ns	ns
Issaquah_88183_E2	34	< MDL	ns	ns

Notes:
-*E. coli* = *Escherichia coli* (CFU/100mL)
-Hu-2 = Hu-2-Bacteroidales (gene copies/mL)
-Cow-2 = Cow-2-Bacteroidales (gene copies/mL)
-Cow-3 = Cow-3-Bacteroidales (gene copies/mL)
-ns = sample not analyzed for parameter
-*E. coli* analyzed using membrane filtration
-All Bacteroidales markers analyzed using qPCR
-All analytical work performed by King County Environmental Lab

Table 3: June 19 event results

Site Name	*E. coli*	Hu-2
Issaquah_UNT_CG	230	< MDL
Issaquah_132236	22	ns

Notes:
-E. coli = Escherichia coli (CFU/100mL)
-Hu-2 = Hu-2-Bacteroidales (gene copies/mL)
-ns = sample not analyzed for parameter
-E. coli analyzed using membrane filtration
-Hu-2 analyzed using qPCR
-All analytical work performed by King County Environmental Lab

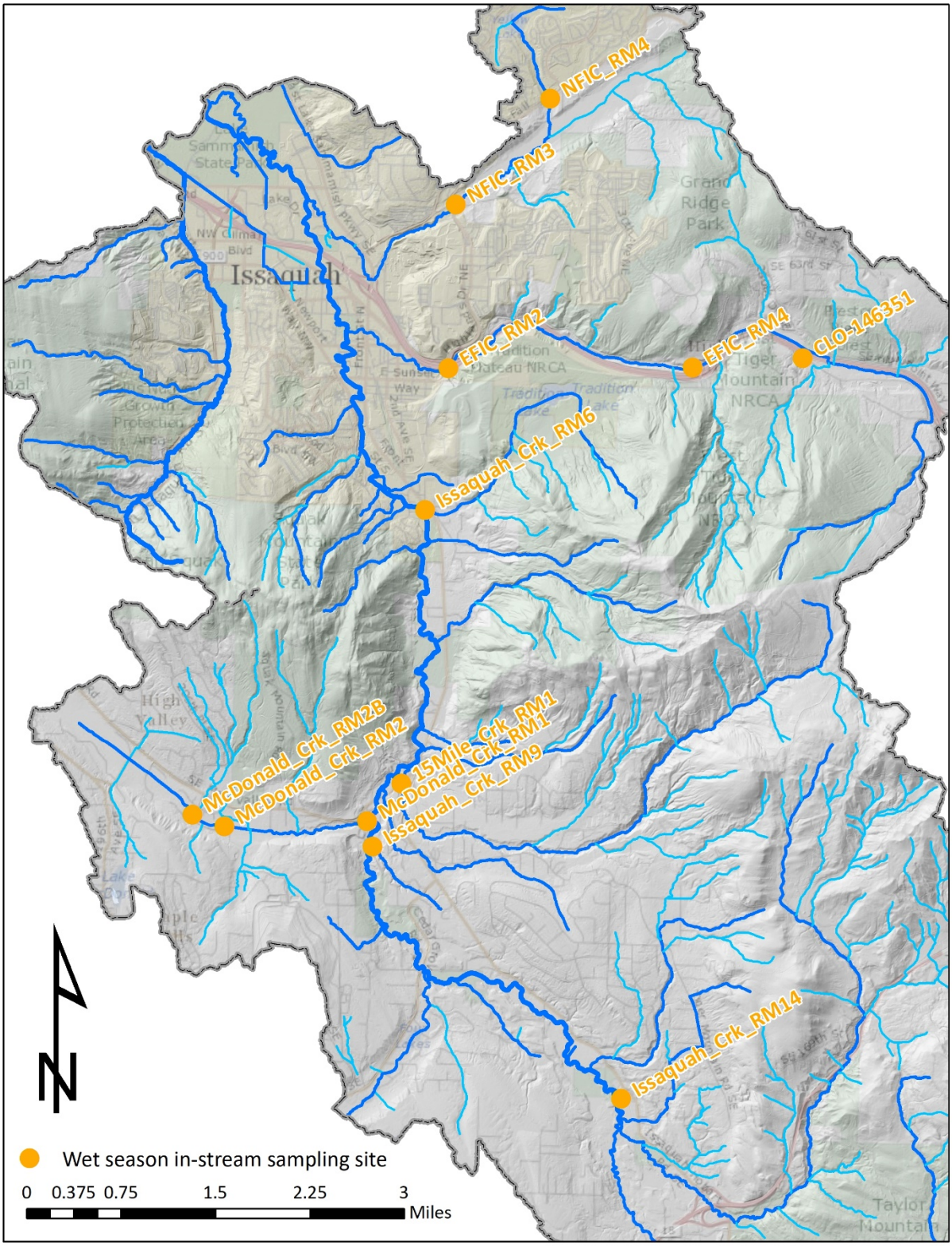


Figure 3: Map of basin-wide in-stream sampling locations targeted during the Autumn 2019 wet season

Table 4: Autumn 2019 wet season in-stream sampling site descriptions

Locator	Description
Issaquah_Crk_RM6	Main stem Issaquah Creek at river mile 6, just upstream of Issaquah city limits
Issaquah_Crk_RM9	Main stem Issaquah Creek at river mile 9, upstream of McDonald and Fifteenmile Creeks confluence
Issaquah_Crk_RM14	Main stem Issaquah Creek at river mile 14, just downstream of Carey and Holder Creeks confluence
McDonald_Crk_RM1	McDonald Creek, just upstream of confluence with Issaquah Creek
McDonald_Crk_RM2	McDonald Creek at river mile 1.4 downstream of unnamed trib draining High Valley area
McDonald_Crk_RM2B	McDonald Creek at river mile 1.6 upstream of unnamed trib draining High Valley area
15Mile_Crk_RM1	Fifteenmile Creek just upstream of confluence with Issaquah Creek
NFIC_RM3	North Fork Issaquah Creek just upstream of Issaquah city limits
NFIC_RM4	North Fork Issaquah Creek just downstream of Sammamish city limits
EFIC_RM2	East Fork Issaquah Creek downstream of all King County MS4 inputs
EFIC_RM4	East Fork Issaquah Creek just downstream of High Point and Preston communities
CLO-146351	Unnamed trib of East Fork Issaquah Creek off of Preston Way

Table 5: Autumn 2019 wet season in-stream sampling results

Site Name↓ Date→	**10/16**	**10/30**	**11/13**	**11/25**	**12/4**	**Site Geomean**
15Mile_Crk_RM1	18	5	2	8	12	7
CLO-146351	1900*	28	3	32	16	38
EFIC_RM2	65	41	12	18	6	20
EFIC_RM4	14	57	4	8	3	9
Issaquah_Crk_RM14	21	15	9	20	24	17
Issaquah_Crk_RM6	480	24	17	48	14	42
Issaquah_Crk_RM9	31	36	26	32	14	26
McDonald_Crk_RM1	13	72	29	97	9	30
McDonald_Crk_RM2	dry	490	930	150	130	307
McDonald_Crk_RM2B	dry	dry	23	89	96	58
NFIC_RM3	14	4	7	5	13	8
NFIC_RM4	50	28	7	3	< MDL	5
Event Geomean	50	30	13	23	11	22

Notes:
-All results are for *Escherichia coli* (CFU/100mL)
-All samples were also analyzed for Hu-2-Bacteroidales. All Hu-2 results were < MDL except where noted with*
*Result of 15 gene copies/mL for Hu-2-Bacteroidales at CLO-146351 on 10/16
-*E. coli* analyzed using membrane filtration
-Hu-2-Bacteroidales analyzed using qPCR
-All analytical work performed by King County Environmental Lab

Table 6: Antecedent rainfall for all 2019 sampling events

Rainfall total for:	1/24/2019	4/15/2019	6/19/2019	10/16/2019	10/30/2019	11/13/2019	11/25/2019	12/4/2019
Day of event	0.09	0.01	0.56	0.59	0.00	0.01	0.29	0.20
Previous day	0.66	0.09	0.17	0.00	0.00	0.28	0.35	0.00
2 days prior	0.71	0.41	0.00	0.00	0.01	0.00	0.01	0.00
3 days prior	0.04	0.74	0.00	0.00	0.00	0.02	0.01	0.03
4 days prior	0.00	0.74	0.00	0.01	0.04	0.26	0.01	0.00
5 days prior	0.12	0.59	0.00	0.00	0.85	0.00	0.00	0.00
48 hours previous	1.36	0.51	0.17	0.00	0.01	0.28	0.35	0.00
72 hours previous	1.40	1.25	0.17	0.00	0.01	0.30	0.36	0.03
120 hours previous	1.52	2.58	0.17	0.01	0.89	0.55	0.37	0.03

Notes:
-Tabled values are for precipitation in inches
-Precipitation data is averaged from four King County DNRP rain gages in the basin: 67u (Tibbetts Creek), 25v (McDonald Creek), 14u (East Fork Issaquah), and 31z (Hobart)
-*https://green2.kingcounty.gov/hydrology/GaugeMap.aspx*

-----end of Appendix A for Issaquah FC TMDL work report for 2019----

King County Stormwater Services

Puyallup-White River FC TMDL Program 2019

Executive Summary

This document answers Question 85 of the Annual Report questionnaire from the Washington State Department of Ecology regarding King County's Phase I NPDES Municipal Stormwater Permit implementation activities for 2019.

In 2019, King County Stormwater Services (SWS) staff conducted bacterial source screening in the County's municipal separate storm sewer (MS4) in the Puyallup-White watershed, as required by the 2013-2018 and 2019-2024 municipal NPDES permits. Work and findings specific to year 2019 are summarized in this document.

The following is a brief list of highlights from SWS' work in 2019; details of each are included later in this document:

- The origin of an illicitly-installed pipe on 244th Ave SE, discovered in 2018 by SWS to be discharging partially-treated septage to a County catch basin, was finally determined; the Department of Public Health-Seattle & King County (DPHSKC) began working with the property owner to fix the problem;
- Follow-up investigation and/or source-tracking continued at other locations of known, suspected or eliminated illicit (bacterial) discharges, some of which have been mentioned in previous annual reports;
- Monthly *E. coli* measurements were taken at over a dozen sites in Boise Creek and its tributaries;
- A new plan was drafted outlining SWS' approach to addressing its FC TMDL requirements in the Puyallup-White River watershed in permit cycle 2019-2024 (in adherence to a recently completed SWS FC TMDL standard operating procedures (SOP) document), and
- The implementation of the new plan was initiated.

In 2020, King County SWS will continue both dry-season and wet-season reconnaissance and sampling work in its MS4 in order to comply with its TMDL requirements, as discussed more below.

Regulatory Requirements

Under the Washington State Department of Ecology (Ecology) Phase I NPDES Municipal Stormwater Permit effective August 1, 2013, in Appendix 2, Puyallup-White River Fecal Coliform Total Maximum Daily Load (FC TMDL), King County was required to perform the following:

- "Designate areas discharging via the MS4 to Boise Creek as high priority areas for illicit discharge detection and elimination. Complete IDDE field screening for bacteria sources in 100 percent of the MS4 subbasins, including rural subbasins, by February 2, 2016 and implement the schedules and activities identified in S5.C.8 of the Phase I permit for response to any illicit discharges found. Field screening must include activities for both the dry season (May through September) and the wet season (October through April)."
- "Inventory commercial animal handling areas (associated with Standard Industrial Code 074 and 075) in areas discharging via the MS4 to Boise Creek and conduct inspections of these areas as part of the Source Control program required in S5.C.7 of the Phase I permit. All qualifying facilities must be inspected by August 1, 2016. The Permitted shall implement an ongoing inspection program to re-inspect facilities or areas with bacteria source control problems every three years." (County note: no such areas were found in the Boise Creek basin.)
- "Designate areas discharging via the MS4 to Jovita Creek as high priority areas for illicit discharge detection and elimination field screening, and implement the schedules and activities identified in S5.C.8 of the Phase I permit."

The previous permit expired in 2018, and because a new permit was not yet ready to be issued, WSDOE mandated that permittees continue to work in the same geographic areas as in 2013-2018 until a new permit was ready.

A new permit was made effective August 1, 2019. The new permit contains similar requirements for King County in the Puyallup-White watershed, with respect to the FC TMDL, though the wording differs slightly:

- "When conducting IDDE-related field screening under S5.C.9 of the Phase I Permit, King County shall screen for bacteria sources in any MS4 sub-basins which discharge to surface waters in the TMDL area. Implement the schedules and activities identified in S5.C.9 of the Phase I Permit for response to any illicit discharges found."
- "King County shall inspect commercial animal handling areas and commercial composting facilities to ensure implementation of source control BMPs for bacteria. Commercial animal handling areas are associated with Standard Industrial Code (SIC) 074 and 075 and include veterinary and pet care/boarding services, animal slaughtering, and support activities for animal production. Facilities where the degradation and transformation of organic solid waste takes place under controlled conditions designed to promote aerobic decomposition are considered composting facilities (definition in accordance with Chapter 173-350 WAC). Implement an ongoing inspection program to re-inspect facilities or areas with bacteria source control problems at least every three years."

Previous reports

The prior Annual Reports for 2014 through 2018 which were submitted to Ecology may be consulted for descriptions of work conducted before 2019 for the Puyallup-White FC TMDL. Copies of these earlier Annual Reports can be provided upon request. These previously submitted documents include: maps of sites where bacteria screening was performed; sampling data collected; and descriptions of field and laboratory methods used in this work.

Work conducted in the Boise Creek and Jovita Creek basins, January – July 2019

In the first part of 2019, the following work was performed in the Boise Creek and Jovita Creek basins (i.e., the work areas designated in the previous 2013-2018 permit cycle):

- Follow-up on previously identified/eliminated illicit connections;
- Dry weather reconnaissance and sampling; and
- Monthly *E. coli* measurements in Boise Creek and its tributaries.

In December 2018, as reported in the previous Annual Report submitted by SWS to Ecology, the installation of a new on-site sewage system (OSS) was completed at a residence on SE 469th St in the Boise Creek basin where SWS had determined that wastewater was plumbed to the County's MS4. In 2019, SWS took follow-up samples in the stormwater ditch downstream from the residence, and determined that high levels of *E. coli* and the human biomarker Hu-2-Bacteroidales ('Hu-2-Bac') were no longer present.

Also as reported in the previous annual report for 2018, a private drainage pipe along 244th Ave SE was found in 2018 to be discharging water with high levels of *E. coli* and Hu-2-Bac to the County's MS4 (location shown in Figure 1 as a red water droplet on the west side of the basin). The pipe dries up for half of the year. In 2019, King County was able to identify the property responsible; a resident had laid a perforated pipe through an OSS drainfield, allowing insufficiently-treated wastewater to be directly conveyed to the MS4. The County is working with the resident to fix the problem. This makes the fifth illicit connection or failing OSS that SWS has identified in the Boise Creek basin in the last several years.

Dry-season reconnaissance and sampling continued in 2019. As of the time of this writing, all locations in the Boise Creek and Jovita Creek basins where water leaves the County's MS4 have been visited in the dry season, and these visits have been documented with photos and inspection data saved in SWS' stormwater geodatabase. Water is rarely found flowing in the MS4 in the dry season in these basins, but where it has, it has been analyzed for *E. coli* and other parameters. No illicit discharges to the MS4 were found in this manner in year 2019.

In May 2017, SWS instituted monthly *E. coli* measurements at 14 locations in the natural drainage network of Boise Creek. These monthly in-stream measurements were meant to (1) help identify which portions of the basin, if any, were contributing most to the bacteria problem in

Boise Creek and (2) compare with past and (potentially) future sampling results in order to identify any temporal trends in the creek. These *E. coli* measurements were made using a proprietary, commercially available method called Coliscan© Easygel© ('Easygels'). This is a low-cost, in-house, rapid substitute for laboratory analysis that allows SWS to analyze a greater number of water samples for *E. coli* than it would at an accredited laboratory. SWS believes the data generated with the two methods are comparable.

These *E. coli* measurements made in Boise Creek and its tributaries continued monthly, and sometimes twice monthly, through May 2019. In total, the sites were each visited 29 times, though some sites had no flowing water for a portion of the year. The collected data are summarized in Figure 1. In the figure, large circles indicate sites on the Boise Creek mainstem, and small circles indicate sites on tributary streams. Circles are color-coded according to the geometric mean *E. coli* value at the site over the course of two years, and each sampling site also is labeled with the geomean in the middle of the circle. For calculating geomeans, where *E. coli* (EC) was not detected in the Easygel sample, a result of 10 cfu/100 mL was assigned to the sample (since Easygels use only five milliliters of water, the minimum detection limit is 20 cfu/100 mL).

A number of trends were seen in the data that were also evident in other data sets[1]. As seen in Figure 1, "background" levels of *E. coli* in the creek at the Highway 410 crossing, before it encounters human settlement, are low, and these levels continue to be fairly low when the creek reaches 284th Ave SE (geomean = 28 cfu/100 mL). At this point the creek begins to pass through the agricultural portion of the basin, where domestic animals such as cattle are common. The *E. coli* levels found in the mainstem of the creek immediately jump up, and they remaining relatively high until the White River. The smaller tributaries in the southeast portion of the basin all had geomeans less than 60 cfu/100 mL; these values may contribute to the clear increases in EC in the mainstem but they do not fully explain the increases. On the other hand, a "tributary" (large agricultural ditch network) on the west side of the basin had the highest geomean of any site (203 cfu/100mL). There are almost no houses in the contributing drainage area for this site, while there are many cattle, and past qPCR analysis of the water at this site by SWS indicates no evidence of human fecal waste, and ample evidence of cattle fecal waste.

While these findings are of interest, they do not help identify specific problems that need to be fixed. They do, however, indicate trends that help more clearly identify the problems in Boise Creek. Properties along the mainstem between 252nd and 284th Avenues SE ought to be a focus of outreach, as should other agricultural properties housing large domestic animals. This conclusion is buttressed by other findings presented in past Annual Reports.

[1] *Boise Creek Bacterial Source Tracking Study: 2011 Summary of Findings*, Raymond Timm, King County Water and Land Resources Division, March 2012; and *Puyallup-White Watershed Fecal Coliform Total Maximum Daily Load – Water Quality Improvement Report and Implementation Plan*, June 2011, Washington State Department of Ecology Publication No. 11-10-040.

Work conducted in the greater White River watershed, August – December 2019

In the second part of 2019, SWS performed the following work in the greater White River watershed (i.e., the work area for the new 2019-2024 permit cycle):

- Dry weather reconnaissance and sampling;
- Development of a written plan to screen its MS4 for bacteria sources in the White River watershed for permit period 2019-2024, based on a new SWS FC TMDL SOP;
- Implementation of the 2019-2020 phase of White River work plan.

In 2019, SWS continued to emphasize the overall White River watershed in its dry-season conveyance screening program, which is permit-required county-wide for illicit discharge detection and elimination (IDDE). During conveyance screening, sources of fecal bacteria were sought. About 25 locations in the White River watershed where water leaves the County's MS4 were visited during the dry season in 2019, and flowing waters (non-stormwater flows) were sampled where found. No mitigable problems were found in this manner in 2019. Altogether, SWS analyzed water samples at a total of 81 sites for its Puyallup-White FC TMDL program in 2019. Twenty of these sites were located in Boise Creek in or other "natural" watercourses (including Pussyfoot, Second and Red Creeks). The other 61 sites were located in King County's MS4.

Work to be conducted in 2020

SWS' written plan to screen its MS4 in the Puyallup/White watershed is available upon request. The area where screening for bacteria sources will take place in 2019-2020 is shown in Figure 2. The Boise Creek basin is included even though it was the focus of screening in the previous (2013-2018) permit period. This will allow for follow-up screening at sites of concern and implementation of SWS' new MS4 FC TMDL screening methodology in the Boise Creek basin, as well as in the other areas shown in Figure 2. The results of screening work in 2019-2020 will be summarized in next year's Annual Report.

----------*end of write-up. Figures 1 and 2 follow*----------

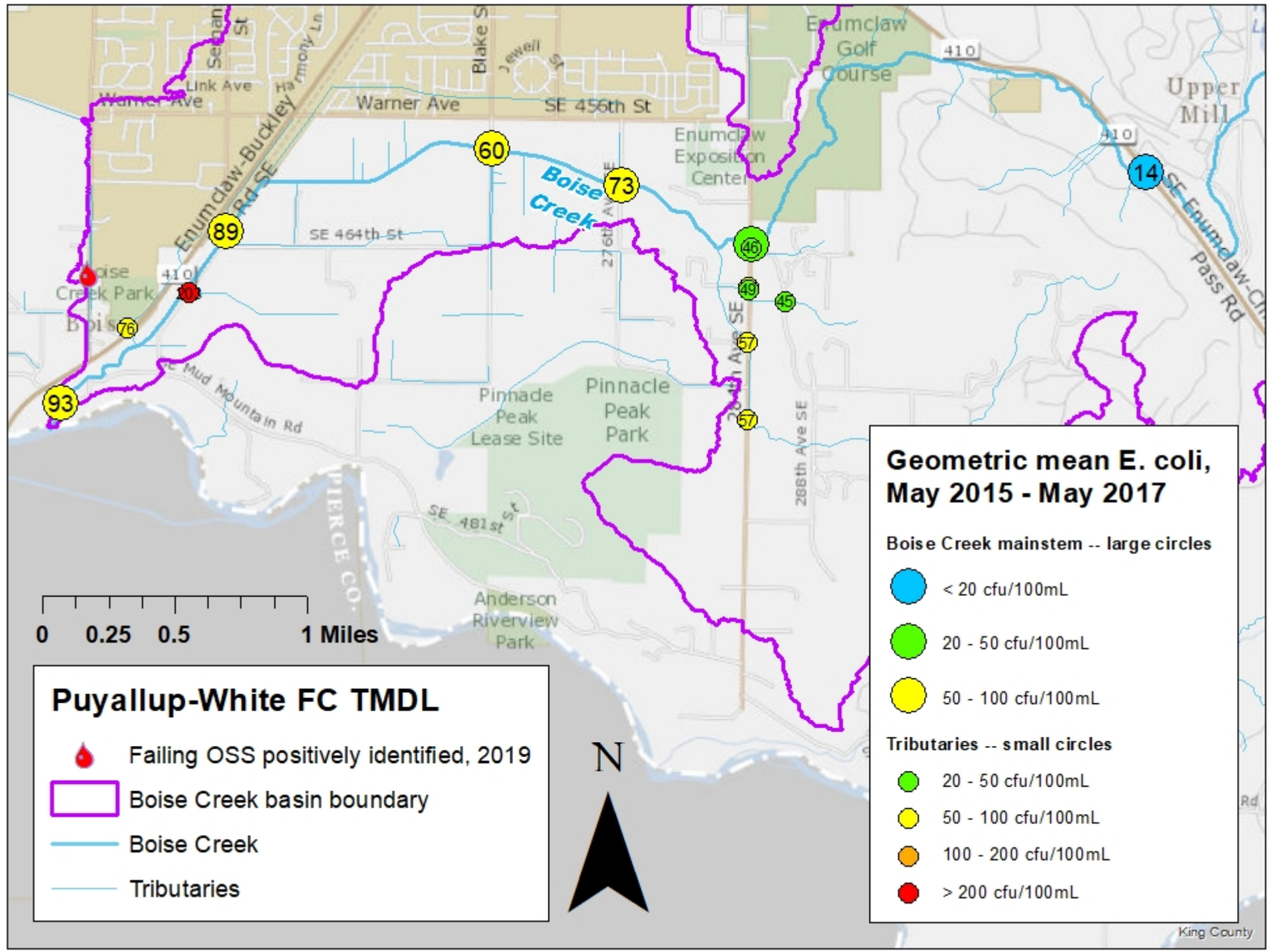


Figure 1. Results of *E. coli* monitoring, Boise Creek, May 2017-May 2019

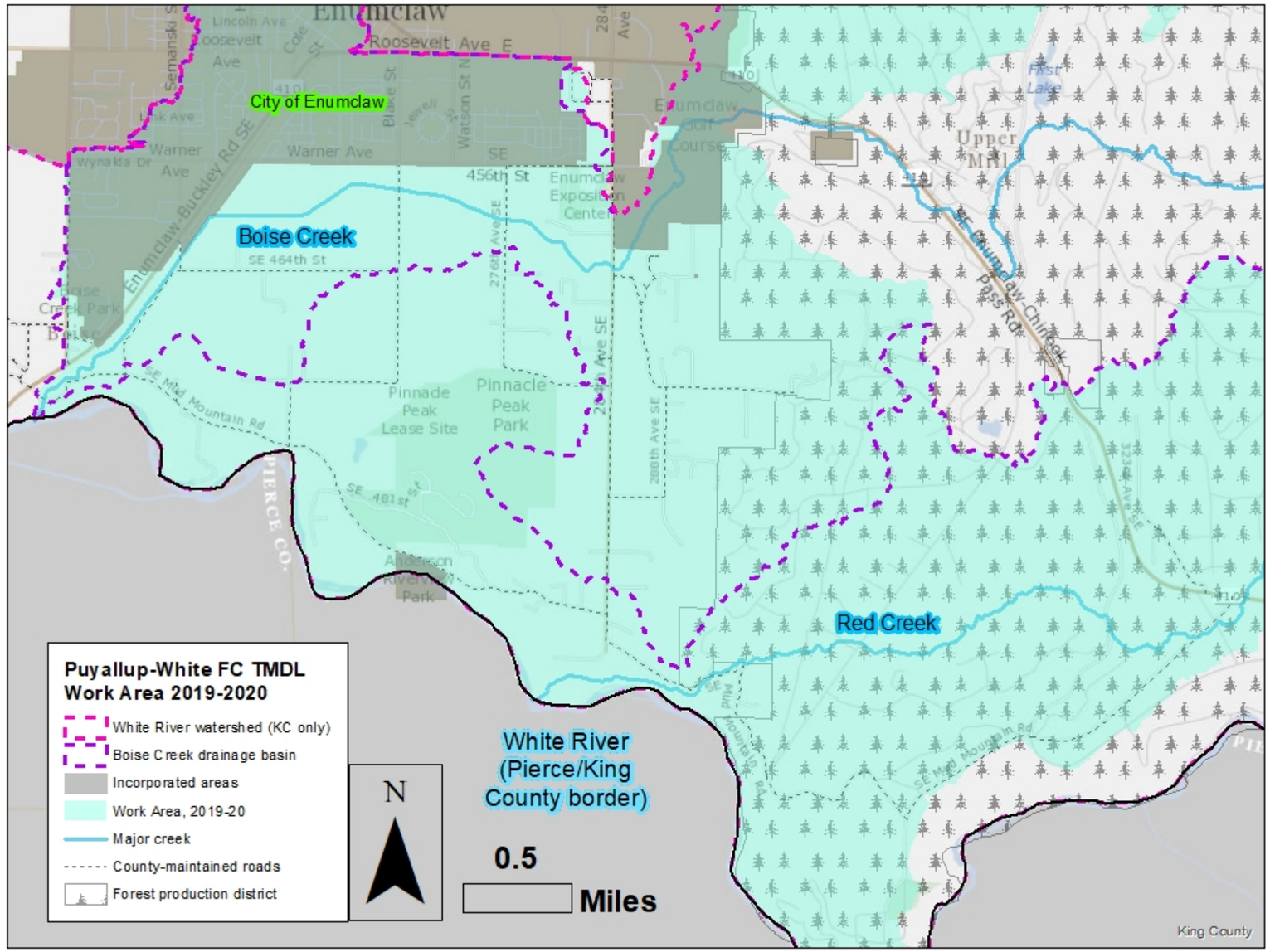


Figure 2. Puyallup-White FC TMDL work area, 2019-2020

102a Annual Report Questions Counties

Question 102a. S4.F.3.d

Attach a summary of the status of implementation of any actions taken pursuant to S4.F.3 and the status of any monitoring, assessment, or evaluation efforts conducted during the reporting period? (S4.F.3.d)

Incident Name	Ecology Notification	Status of implementation of any actions taken pursuant to S4.F.3	Status of any monitoring, assessment, or evaluation efforts	Comments
Shady Lake	February 4, 2019	Ecology has determined that an adaptive management response under condition S4.F.3 is not necessary because the Phase I Permit is designed to control runoff from new and re-development sites (S5.C.5).	N/A	No further actions needed
Briarwood	November 27, 2019	Based on the information provided, Ecology acknowledges the County is taking Permit compliant actions to eliminate the threat of sewage waste discharge to the MS4. Ecology has determined that an adaptive management response under condition S4.F.3 is not necessary because the Phase I Permit is designed eliminate connections and illicit discharges into the MS4.	N/A	No further actions needed

S4.F.

F. A Permittee remains in compliance with S4 despite any discharges prohibited by S4.A or S4.B, when the Permittee undertakes the following response toward long-term water quality improvement:

1. A Permittee shall notify Ecology in writing within 30 days of becoming aware, based on credible site-specific information that a discharge from the MS4 owned or operated by the Permittee is causing or contributing to a known or likely violation of water quality standards in the receiving water. Written notification provided under this subsection shall, at a minimum,

- identify the source of the site-specific information,

- describe the nature and extent of the known or likely violation in the receiving water, and
- explain the reasons why the MS4 discharge is believed to be causing or contributing to the problem.

For ongoing or continuing violations, a single written notification to Ecology will fulfill this requirement.

2. In the event that Ecology determines, based on a notification provided under S4.F.1 or through any other means, that a discharge from a MS4 owned or operated by the Permittee is causing or contributing to a violation of water quality standards in a receiving water, Ecology will notify the Permittee in writing that an adaptive management response outlined in S4.F.3, below, is required unless:

a. Ecology also determines that the violation of water quality standards is already being addressed by a Total Maximum Daily Load (TMDL) or other enforceable water quality cleanup plan; or
b. Ecology concludes the MS4 contribution to the violation will be eliminated through implementation of other permit requirements.