

Attachment H
Stormwater Reports

**Cedar Hills Regional Landfill
Industrial Stormwater General Permit
2017 Documents**

Washington Department of Ecology Submission Cover Letter

**WQWebDMR - Permit# WAR000756 - DMR Submission Id: 1579493 -
4/21/2017 10:38:55 AM**

Report Received Dated:

4/21/2017 10:38:56 AM

Company Name	Signer Name	System Name
King County Solid Waste Division	Pamela Badger	WQWebPortal

Attachments:

Document Name of Description	Document File Name
Submitted Copy of Record for King County Solid Waste Division	Copy of Record KingCountySolidWasteDivision Friday April 21 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

**For Ecology Use Only ---
Dev**



7pv5wbJPvo9U2k5juyWM7OWoAxcFuSeAwooUa3ALD/gQ7tqcvR
+Cj8/WoU4OAqr3oPh1iKdz7L8F2vCo1ogFBZlvxBnbnCSSQan04+HV0=



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Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 01/01/2017 - 03/31/2017

Outfall: GS1 - Discharge to unnamed stream (wetland)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,,alpha,,alpha,,trimethyl) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Week	Monitoring Point	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1
Limit Set		ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-T	1/17/17	9.01	7.25	No	6.09	5.67	<2	3.9	<0.01	<5	<50	<10
Minimum			7.25 BM: >= 5.0 (RO)									
Average		9.01 BM: <= 25			6.09 BM: <= 14	5.67 BM: <= 117						
Maximum			7.25 BM: <= 9.0 (RO)									
Month 1 Average							<2 <= 37	3.9 <= 27	<0.01 <= 4.9	<5 <= 16	<50 <= 71	<10 <= 14
Month 2 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 3 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14

Reporting Codes Used: B - Below Detection Limit/No Detection, M - Monitoring Is Conditional/Not Req This MP



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-T	1/17/17	<4	5.67	7.25
Minimum				7.25
				>= 6.0 (RO)
Average				
Maximum				7.25
				<= 9.0 (RO)
Month 1 Average		<4	5.67	
		<= 15	<= 110	
Month 2 Average		M	M	
		<= 15	<= 110	
Month 3 Average		M	M	
		<= 15	<= 110	



Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 01/01/2017 - 03/31/2017

Outfall: N4 - Discharge to unnamed stream (McDonald Cr)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol, alpha, alpha, trimethyl)- Micrograms/L (ug/L) Quarterly Grab	Benzic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Week	Monitoring Point	N4	N4	N4	N4	N4	N4	N4	N4	N4	N4	N4
Limit Set		ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-T	1/17/17	2.76	7.29	No	9.49	24.2	<2	1	0.0341	<5	<50	<10
Minimum			7.29 BM: >= 5.0 (RO)									
Average		2.76 BM: <= 25			9.49 BM: <= 14	24.2 BM: <= 117						
Maximum			7.29 BM: <= 9.0 (RO)									
Month 1 Average							<2 <= 37	1 <= 27	0.0341 <= 4.9	<5 <= 16	<50 <= 71	<10 <= 14
Month 2 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 3 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14

Reporting Codes Used: B - Below Detection Limit/No Detection, M - Monitoring Is Conditional/Not Req This MP



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
		N4	N4	N4
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-T	1/17/17	<4	24.2	7.29
Minimum				7.29 >= 6.0 (RO)
Average				
Maximum				7.29 <= 9.0 (RO)
Month 1 Average		<4 <= 15	24.2 <= 110	
Month 2 Average		M <= 15	M <= 110	
Month 3 Average		M <= 15	M <= 110	



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 01/01/2017 - 03/31/2017

Outfall: SL3 - Discharge to unnamed stream (ditch)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol, alpha, alpha, trimethyl) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Week	Monitoring Point	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3
Limit Set		ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-T	1/17/17	6.75	7.45	No	2.33	4.4	<2	2.8	<0.01	<5	<50	<10
Minimum			7.45 BM: >= 5.0 (RO)									
Average		6.75 BM: <= 25			2.33 BM: <= 14	4.4 BM: <= 117						
Maximum			7.45 BM: <= 9.0 (RO)									
Month 1 Average							<2 <= 37	2.8 <= 27	<0.01 <= 4.9	<5 <= 16	<50 <= 71	<10 <= 14
Month 2 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 3 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14

Reporting Codes Used: B - Below Detection Limit/No Detection, M - Monitoring Is Conditional/Not Req This MP

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Pamela Badger

4/21/2017 10:38:55 AM

Signature

Date



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-T	1/17/17	<4	4.4	7.45
Minimum				7.45 >= 6.0 (RO)
Average				
Maximum				7.45 <= 9.0 (RO)
Month 1 Average		<4 <= 15	4.4 <= 110	
Month 2 Average		M <= 15	M <= 110	
Month 3 Average		M <= 15	M <= 110	

Washington Department of Ecology Electronic Submission Cover Letter



WQWebDMR - Permit# WAR000756 - DMR Submission Id: 1591799 - 8/9/2017 9:31:56 AM

Company Name	Signer Name	System Name
King County Solid Waste Division	Jennifer Keune	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for King County Solid Waste Division	Copy of Record KingCountySolidWasteDivision Wednesday August 9 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

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IcxtUcQoV4VBvL28Vw6HNHT45raZYWrD3rr3g8WpcO56qO05V5gYrRS7GShuQEXOVWq/Bibreb2o+2iDa8j9XQNZ44xxcqRmRmZ7NpeTg=



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Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 04/01/2017 - 06/30/2017

Outfall: GS1 - Discharge to unnamed stream (wetland)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,,alpha,,alpha,,trimethyl) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Week	Monitoring Point	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1
Limit Set		ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
4-M	4/17/17	5.53	7.1	No	2.92	2.31	<2	3	0.01	<0.49	<9.7	<0.49
Minimum			7.1 BM: >= 5.0 (RO)									
Average		5.53 BM: <= 25			2.92 BM: <= 14	2.31 BM: <= 117						
Maximum			7.1 BM: <= 9.0 (RO)									
Month 1 Average							<2 <= 37	3 <= 27	0.01 <= 4.9	<0.49 <= 16	<9.7 <= 71	<0.49 <= 14
Month 2 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 3 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14

Reporting Codes Used: B - Below Detection Limit/No Detection, M - Monitoring Is Conditional/Not Req This MP



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
	GS1	GS1	GS1	GS1
Limit Set	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
4-M	4/17/17	<0.49	2.31	7.1
Minimum				7.1 >= 6.0 (RO)
Average				
Maximum				7.1 <= 9.0 (RO)
Month 1 Average	<0.49 <= 15	2.31 <= 110		
Month 2 Average	M <= 15	M <= 110		
Month 3 Average	M <= 15	M <= 110		



Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 04/01/2017 - 06/30/2017

Outfall: N4 - Discharge to unnamed stream (McDonald Cr)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol, alpha, alpha, trimethyl-) Micrograms/L (ug/L) Quarterly Grab	Benzic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Week	Monitoring Point	N4	N4	N4	N4	N4	N4	N4	N4	N4	N4	N4
Limit Set	Limit Set	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
4-M	4/17/17	3.15	6.7	No	9.69	17.5	<2	<1.1	0.0925	<0.47	<9.4	<0.47
Minimum			6.7 BM: >= 5.0 (RO)									
Average		3.15 BM: <= 25			9.69 BM: <= 14	17.5 BM: <= 117						
Maximum			6.7 BM: <= 9.0 (RO)									
Month 1 Average							<2 <= 37	<1.1 <= 27	0.0925 <= 4.9	<0.47 <= 16	<9.4 <= 71	<0.47 <= 14
Month 2 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 3 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14

Reporting Codes Used: B - Below Detection Limit/No Detection, M - Monitoring Is Conditional/Not Req This MP



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
		N4	N4	N4
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
4-M	4/17/17	<0.47	17.5	6.7
Minimum				6.7 >= 6.0 (RO)
Average				
Maximum				6.7 <= 9.0 (RO)
Month 1 Average		<0.47 <= 15	17.5 <= 110	
Month 2 Average		M <= 15	M <= 110	
Month 3 Average		M <= 15	M <= 110	



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 04/01/2017 - 06/30/2017

Outfall: SL3 - Discharge to unnamed stream (ditch)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol, alpha, alpha, trimethyl) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Week	Monitoring Point	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3
Limit Set		ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
4-M	4/17/17	3.4	7	No	3.25	6.26	<2	3	0.0098	<0.48	<9.5	<0.48
Minimum			7 BM: >= 5.0 (RO)									
Average		3.4 BM: <= 25			3.25 BM: <= 14	6.26 BM: <= 117						
Maximum			7 BM: <= 9.0 (RO)									
Month 1 Average							<2 <= 37	3 <= 27	0.0098 <= 4.9	<0.48 <= 16	<9.5 <= 71	<0.48 <= 14
Month 2 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 3 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14

Reporting Codes Used: B - Below Detection Limit/No Detection, M - Monitoring Is Conditional/Not Req This MP

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Jennifer Keune

8/9/2017 9:31:50 AM

Signature

Date



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
4-M	4/17/17	<0.48	6.26	7
Minimum				7
				>= 6.0 (RO)
Average				
Maximum				7
				<= 9.0 (RO)
Month 1 Average		<0.48	6.26	
		<= 15	<= 110	
Month 2 Average		M	M	
		<= 15	<= 110	
Month 3 Average		M	M	
		<= 15	<= 110	

Washington Department of Ecology
Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR000756 - DMR Submission Id: 1599815 - 10/17/2017
8:35:30 AM**

Company Name	Signer Name	System Name
King County Solid Waste Division	Jennifer Keune	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for King County Solid Waste Division	Copy of Record KingCountySolidWasteDivision Tuesday October 17 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

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xa3ogZ1ysbkmb7Rq6oiphTe8dYKwgaSevsIMGkUWav7ohW0xkKcos3Xda05vL4NQL3YBBCbr8XdxoWbhrL
+UBWqwShXHo27T0D/vcZYarbl=



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Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 07/01/2017 - 09/30/2017

Outfall: GS1 - Discharge to unnamed stream (wetland)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,,alpha,,alpha,,trimethyl) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Week	Monitoring Point	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1
Limit Set		ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
13-T	9/19/17	1.86	7.36	No	3.33	A	2.41	7.2	0.181	<0.47	<9.4	<0.47
Minimum			7.36 BM: >= 5.0 (RO)									
Average		1.86 BM: <= 25			3.33 BM: <= 14	A BM: <= 117						
Maximum			7.36 BM: <= 9.0 (RO)									
Month 1 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 2 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 3 Average							2.41 <= 37	7.2 <= 27	0.181 <= 4.9	<0.47 <= 16	<9.4 <= 71	<0.47 <= 14

Reporting Codes Used: A - Consistent Attainment Of Benchmark, B - Below Detection Limit/No Detection, C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

Overall DMR Notes/Comment

No 3Q17 discharge from monitoring locations SL3 or N4.



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
Week	Monitoring Point	GS1	GS1	GS1
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
13-T	9/19/17	<0.47	3.79	7.36
Minimum				7.36
				>= 6.0 (RO)
Average				
Maximum				7.36
				<= 9.0 (RO)
Month 1 Average	M	M		
	<= 15	<= 110		
Month 2 Average	M	M		
	<= 15	<= 110		
Month 3 Average	<0.47	3.79		
	<= 15	<= 110		



Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 07/01/2017 - 09/30/2017

Outfall: N4 - Discharge to unnamed stream (McDonald Cr)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol, alpha, alpha, trimethyl-) Micrograms/L (ug/L) Quarterly Grab	Benzic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Limit Set	N4	N4	N4	N4	N4	N4	N4	N4	N4	N4	N4	N4
Minimum			BM: >= 5.0 (RO)									
Average	BM: <= 25				BM: <= 14	BM: <= 117						
Maximum			BM: <= 9.0 (RO)									
Month 1 Average							<= 37	<= 27	<= 4.9	<= 16	<= 71	<= 14
Month 2 Average							<= 37	<= 27	<= 4.9	<= 16	<= 71	<= 14
Month 3 Average							<= 37	<= 27	<= 4.9	<= 16	<= 71	<= 14

Reporting Codes Used: A - Consistent Attainment Of Benchmark, B - Below Detection Limit/No Detection, C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

Overall DMR Notes/Comment

No 3Q17 discharge from monitoring locations SL3 or N4.

Outfall: N4 - Discharge to unnamed stream (McDonald Cr)

Monitoring Point	Parameter	Sample Date/ Statistical Base	Value	Notes/Comment
N4	All Parameters		C	No discharge from monitoring location N4 during 3Q17.



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
		N4	N4	N4
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
Minimum				>= 6.0 (RO)
Average				
Maximum				<= 9.0 (RO)
Month 1 Average		<= 15	<= 110	
Month 2 Average		<= 15	<= 110	
Month 3 Average		<= 15	<= 110	



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 07/01/2017 - 09/30/2017

Outfall: SL3 - Discharge to unnamed stream (ditch)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total 50 D5 Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,,alpha,,alpha,,trimethyl-) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Limit Set	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
Minimum		BM: >= 5.0 (RO)										
Average	BM: <= 25				BM: <= 14	BM: <= 117						
Maximum		BM: <= 9.0 (RO)										
Month 1 Average							<= 37	<= 27	<= 4.9	<= 16	<= 71	<= 14
Month 2 Average							<= 37	<= 27	<= 4.9	<= 16	<= 71	<= 14
Month 3 Average							<= 37	<= 27	<= 4.9	<= 16	<= 71	<= 14

Reporting Codes Used: A - Consistent Attainment Of Benchmark, B - Below Detection Limit/No Detection, C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

Overall DMR Notes/Comment

No 3Q17 discharge from monitoring locations SL3 or N4.

Outfall: SL3 - Discharge to unnamed stream (ditch)

Monitoring Point	Parameter	Sample Date/ Statistical Base	Value	Notes/Comment
SL3	All Parameters		C	No discharge from monitoring location SL3 during 3Q17.

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Jennifer Keune
Signature

10/17/2017 8:35:28 AM
Date



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
	SL3	SL3	SL3	SL3
Limit Set	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
Minimum				>= 6.0 (RO)
Average				
Maximum				<= 9.0 (RO)
Month 1 Average	<= 15	<= 110		
Month 2 Average	<= 15	<= 110		
Month 3 Average	<= 15	<= 110		

Washington Department of Ecology
Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR000756 - DMR Submission Id: 1611060 - 1/18/2018
3:17:14 PM**

Company Name	Signer Name	System Name
King County Solid Waste Division	Jennifer Keune	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for King County Solid Waste Division	Copy of Record KingCountySolidWasteDivision Thursday January 18 2018

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

For Ecology Use Only



mPBB4cMQzZSMLy3yfg
+PUinX1o6AYMnwuRfpU05Yx8OfiXu1QVtuKivifbftVffTJvcCTXNTKrVIDqNsholyPxM1ZEIcGktOaQkEMstyvk=



Validation Report

Facility: CEDAR HILLS LANDFILL - Permit: WAR000756

Monitoring Period: 10/01/2017 to 12/31/2017

Validation Message Type: Violation

Outfall	Monitoring Point	Parameter	Units	Sample Date/ Statistical Base	Value Entered	Limit/Benchmark	Message
SL3	SL3	Solids (Residue) Total suspended (TSS)	Milligrams/L (mg/L)	10/19/2017	205	<= 88	The reported value exceeds the permit limit.
SL3	SL3	Solids (Residue) Total suspended (TSS)	Milligrams/L (mg/L)	Month 1 Average	205	<= 27	The reported value exceeds the permit limit.



Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 10/01/2017 - 12/31/2017

Outfall: GS1 - Discharge to unnamed stream (wetland)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,,alpha,,alpha,,trimethyl) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Week	Monitoring Point	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1	GS1
Limit Set		ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-Th	10/19/17	20.9	6.45	No	4.46	A	<2	1.6	0.0154	<0.47	<9.4	<0.47
Minimum			6.45 BM: >= 5.0 (RO)									
Average		20.9 BM: <= 25			4.46 BM: <= 14	A BM: <= 117						
Maximum			6.45 BM: <= 9.0 (RO)									
Month 1 Average							<2 <= 37	1.6 <= 27	0.0154 <= 4.9	<0.47 <= 16	<9.4 <= 71	<0.47 <= 14
Month 2 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 3 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14

Reporting Codes Used: A - Consistent Attainment Of Benchmark, B - Below Detection Limit/No Detection, M - Monitoring Is Conditional/Not Req This MP



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
	GS1	GS1	GS1	GS1
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-Th	10/19/17	<0.47	4.87	6.45
Minimum				6.45 >= 6.0 (RO)
Average				
Maximum				6.45 <= 9.0 (RO)
Month 1 Average		<0.47 <= 15	4.87 <= 110	
Month 2 Average		M <= 15	M <= 110	
Month 3 Average		M <= 15	M <= 110	



Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 10/01/2017 - 12/31/2017

Outfall: N4 - Discharge to unnamed stream (McDonald Cr)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol, alpha, alpha, trimethyl)- Micrograms/L (ug/L) Quarterly Grab	Benzic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Limit Set		ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-F	10/20/17	63.7	7.57	No	11.4	39.2	<2	6.3	0.0735	<0.48	<9.4	<0.48
7-M	11/13/17	23.1										
8-M	11/20/17	23										
9-Th	11/30/17	16.3										
9-F	12/1/17	15.7										
10-M	12/4/17	9.01										
10-T	12/5/17	7.92										
Minimum			7.57 BM: >= 5.0 (RO)									
Average		22.6757 BM: <= 25			11.4 BM: <= 14	39.2 BM: <= 117						
Maximum			7.57 BM: <= 9.0 (RO)									
Month 1 Average							<2 <= 37	6.3 <= 27	0.0735 <= 4.9	<0.48 <= 16	<9.4 <= 71	<0.48 <= 14
Month 2 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 3 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14

Reporting Codes Used: A - Consistent Attainment Of Benchmark, B - Below Detection Limit/No Detection, M - Monitoring Is Conditional/Not Req This MP



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
		N4	N4	N4
Limit Set		ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-F	10/20/17	<0.48	39.2	7.57
7-M	11/13/17			
8-M	11/20/17			
9-Th	11/30/17			
9-F	12/1/17			
10-M	12/4/17			
10-T	12/5/17			
Minimum				7.57 >= 6.0 (RO)
Average				
Maximum				7.57 <= 9.0 (RO)
Month 1 Average		<0.48 <= 15	39.2 <= 110	
Month 2 Average		M <= 15	M <= 110	
Month 3 Average		M <= 15	M <= 110	



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR000756

Permittee: CEDAR HILLS LANDFILL

Facility County: King

Receiving Waterbody: Unnamed stream

Monitoring Period: 10/01/2017 - 12/31/2017

Outfall: SL3 - Discharge to unnamed stream (ditch)

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Quarterly Grab	pH Standard Units Quarterly Grab	Oil & Grease Yes/No Quarterly Visual Observation	Copper Total Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	Total BOD5 Total Milligrams/L (mg/L) Quarterly Grab	Solids (Residue) Total suspended (TSS) Milligrams/L (mg/L) Quarterly Grab	Ammonia Total Milligrams/L (mg/L) Quarterly Grab	Alpha-terpineol (3-Cyclohexene-1-methanol,,alpha,,alpha,,trimethyl-) Micrograms/L (ug/L) Quarterly Grab	Benzoic Acid Micrograms/L (ug/L) Quarterly Grab	p-Cresol (4-methylphenol) Micrograms/L (ug/L) Quarterly Grab
Week	Monitoring Point	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3	SL3
Limit Set		ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Western WA - 2015 Permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-Th	10/19/17	A	6.61	No	A	A	<2	205	0.0125	<0.47	<9.4	<0.47
Minimum			6.61 BM: >= 5.0 (RO)									
Average		A BM: <= 25			A BM: <= 14	A BM: <= 117						
Maximum			6.61 BM: <= 9.0 (RO)									
Month 1 Average							<2 <= 37	205 <= 27	0.0125 <= 4.9	<0.47 <= 16	<9.4 <= 71	<0.47 <= 14
Month 2 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14
Month 3 Average							M <= 37	M <= 27	M <= 4.9	M <= 16	M <= 71	M <= 14

Reporting Codes Used: A - Consistent Attainment Of Benchmark, B - Below Detection Limit/No Detection, M - Monitoring Is Conditional/Not Req This MP

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Jennifer Keune

1/18/2018 3:17:13 PM

Signature

Date



Week	Monitoring Point	Phenol Micrograms/L (ug/L) Quarterly Grab	Zinc Total Micrograms/L (ug/L) Quarterly Grab	pH Standard Units Quarterly Grab
		SL3	SL3	SL3
	Limit Set	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit	ISGP Non-Haz Waste Landfill (40CFR part 445 subpart B)- 2015 permit
3-Th	10/19/17	<0.47	81.1	6.61
	Minimum			6.61 >= 6.0 (RO)
	Average			
	Maximum			6.61 <= 9.0 (RO)
	Month 1 Average	<0.47 <= 15	81.1 <= 110	
	Month 2 Average	M <= 15	M <= 110	
	Month 3 Average	M <= 15	M <= 110	

**Cedar Hills Regional Landfill
Construction Stormwater General Permit
2017 Documents**

Washington Department of Ecology
Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR305034 - DMR Submission Id: 1593186 - 8/15/2017
2:51:12 PM**

Company Name	Signer Name	System Name
Herrera Environmental Consultants	George Iftner	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Herrera Environmental Consultants	Copy of Record HerreraEnvironmentalConsultants Tuesday August 15 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

For Ecology Use Only



/N944sh5Z9zbcX9Vd7IV0Jee1HBuyh5gqt8cRR17Bz9P4Ih4TxWi8mSq00Dg01aysBcrYaTqdpSL8yQz2BpYXd9O6rP7O+pAxEc3BujCtyw=



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: Queen City Farms Lake (QCFL)

Monitoring Period: 03/01/2017 - 03/31/2017

Outfall: CHL - Queen City Farms Lake (QCFL)

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab
	CHL	CHL	CHL
Minimum			BM: >= 6.5 (RO)
Maximum		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: X - Construction Not Started

Overall DMR Notes/Comment

Reporting Code: X - Construction Not Started

Permit was obtained by County while project was put out to bid. Permit effective date was Feb. 13, 2017.
 First day of ground disturbance by Scarsella Brothers, Inc. was June 12, 2017.

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Iftner

6/22/2017 1:59:23 PM

Signature

Date

Washington Department of Ecology
Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR305034 - DMR Submission Id: 1586678 - 6/22/2017
1:59:21 PM**

Company Name	Signer Name	System Name
Herrera Environmental Consultants	George Iftner	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Herrera Environmental Consultants	Copy of Record HerreraEnvironmentalConsultants Thursday June 22 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

For Ecology Use Only



c0TcrX97qjHHUaL44zCdP+sJEU9CMc29mAk3mN3DPNzw8Bc/IR9PtG18IYhtKc83R209/t7Y1OG7pyn9uruA
+qx6ptWei6UBNOMvEcn8kng=



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: Queen City Farms Lake (QCFL)

Monitoring Period: 04/01/2017 - 04/30/2017

Outfall: CHL - Queen City Farms Lake (QCFL)

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab
	CHL	CHL	CHL
Minimum			BM: >= 6.5 (RO)
Maximum		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: X - Construction Not Started

Overall DMR Notes/Comment

Reporting Code: X - Construction Not Started

Permit was obtained by County while project was put out to bid. Permit effective date was Feb. 13, 2017.
 First day of ground disturbance by Scarsella Brothers, Inc. was June 12, 2017.

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Iftner

6/22/2017 1:59:20 PM

Signature

Date

Washington Department of Ecology

Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR305034 - DMR Submission Id: 1586677 - 6/22/2017
1:59:18 PM**

Company Name	Signer Name	System Name
Herrera Environmental Consultants	George Iftner	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Herrera Environmental Consultants	Copy of Record HerreraEnvironmentalConsultants Thursday June 22 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

For Ecology Use Only



ICZzAU0hLW01XfXyq1CSjTn2Xff3+4wSRQnASj1fc7jPNz6Wdr9ZzdOeX5fgh5nFkono7+y56gY4+v12sfl48JYjbpstcvh
T3YaUv3xwhvl=



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: Queen City Farms Lake (QCFL)

Monitoring Period: 05/01/2017 - 05/31/2017

Outfall: CHL - Queen City Farms Lake (QCFL)

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab
	CHL		CHL

Minimum		BM: >= 6.5 (RO)
Maximum	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: X - Construction Not Started

Overall DMR Notes/Comment

Reporting Code: X - Construction Not Started

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Iftner

6/22/2017 1:59:17 PM

Signature

Date

Washington Department of Ecology
Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR305034 - DMR Submission Id: 1588879 - 7/13/2017
2:03:08 PM**

Company Name	Signer Name	System Name
Herrera Environmental Consultants	George Iftner	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Herrera Environmental Consultants	Copy of Record HerreraEnvironmentalConsultants Thursday July 13 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

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XKP77YSpT11w3p5jxd4R1yU2HrMRyTD9RACQEx8dmixdM4ugu7IPVjxzTwNVrBztZEAz4TtleM02yzkANYIHRO9cvfOPvv
DgdpkW/cv+fKE=



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: Queen City Farms Lake (QCFL)

Monitoring Period: 06/01/2017 - 06/30/2017

Outfall: CHL - Queen City Farms Lake (QCFL)

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab
		CHL	CHL
1-Th	6/1/17	C	C
2-Su	6/4/17	C	C
3-Su	6/11/17	E*	M
4-Su	6/18/17		M
4-Th	6/22/17	2.77	
5-Su	6/25/17		M
5-F	6/30/17	E*	
Minimum			M BM: >= 6.5 (RO)
Maximum		2.77 BM: <= 25 (RO)	M BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, E - Analysis Not Complete/ Not Conducted/Not Reported, M - Monitoring Is Conditional/Not Req This MP

Outfall: CHL - Queen City Farms Lake (QCFL)

Monitoring Point	Parameter	Sample Date/ Statistical Base	Value	Notes/Comment
CHL	Turbidity (Nephelometric) Measured NTU	6/11/2017	E	Sample was not collected due to project getting started and contractor's CESCL team getting established.
CHL	Turbidity (Nephelometric) Measured NTU	6/30/2017	E	A sample with 1.94 NTU was collected on July 1 at the END OF THE WORK WEEK. There was a misunderstanding with the contractor that the DMR reporting period for July started on Saturday, thinking that this data would be reported for the last week of June.

BMPs

Monitoring Point	Week	BMP
CHL		Check Dams
CHL		Silt Fence
CHL		Temporary Sediment Pond



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: gravel pit lake

Monitoring Period: 06/01/2017 - 06/30/2017

Outfall: grav - The gravel pit lake infiltrates and has no surface discharge outlet.

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured Weekly Grab	Standard Units Weekly Grab
		C3	C3
1-Th	6/1/17	C	C
2-Su	6/4/17	C	C
3-Su	6/11/17	C	C
4-Su	6/18/17	C	C
5-Su	6/25/17	C	C
Minimum			M
			BM: >= 6.5 (RO)
Maximum		C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, E - Analysis Not Complete/ Not Conducted/Not Reported, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
C3		Silt Fence
C3		Temporary Sediment Pond
C3		Triangular Silt Dike



Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: McDonald Creek

Monitoring Period: 06/01/2017 - 06/30/2017

Outfall: McDo - Outfall SW-N4. The discharge on the northern boundary drains to McDonald Creek at Lat. 47.477875 and Long -122.054943

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C1	C1	C2	C2
1-Th	6/1/17	C	C	C	C
2-Su	6/4/17	C	C	C	C
3-Su	6/11/17	C	C	C	C
4-Su	6/18/17	C	C	C	C
5-Su	6/25/17	C	C	C	C
Minimum			M		M
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		C	M	C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, E - Analysis Not Complete/ Not Conducted/Not Reported, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
C1		Silt Fence
C1		Temporary Sediment Pond
C2		Silt Fence
C2		Temporary Sediment Pond

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Iftner

7/13/2017 2:03:07 PM

Signature

Date

Washington Department of Ecology

Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR305034 - DMR Submission Id: 1593186 - 8/15/2017
2:51:12 PM**

Company Name	Signer Name	System Name
Herrera Environmental Consultants	George Iftner	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Herrera Environmental Consultants	Copy of Record HerreraEnvironmentalConsultants Tuesday August 15 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

For Ecology Use Only



/N944sh5Z9zbcX9Vd7IV0Jee1HBuyh5gqt8cRR17Bz9P4Ih4TxWi8mSq00Dg01aysBcrYaTqdpSL8yQz2BpYXd9O6rP7O
+pAxEc3BujCtyw=



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: Queen City Farms Lake (QCFL)

Monitoring Period: 07/01/2017 - 07/31/2017

Outfall: CHL - Queen City Farms Lake (QCFL)

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab
		CHL	CHL
1-Sa	7/1/17	1.94	M
2-F	7/7/17	1.99	M
3-Th	7/13/17	2.01	M
4-Th	7/20/17	1.57	M
5-Th	7/27/17	1.88	M
6-Su	7/30/17	C	M
6-M	7/31/17	C	M
Minimum			M BM: >= 6.5 (RO)
Maximum		2.01 BM: <= 25 (RO)	M BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Silt Fence
	1	Temporary Sediment Pond
	2	Silt Fence
	2	Temporary Sediment Pond
	3	Silt Fence
	3	Temporary Sediment Pond
	4	Silt Fence
	4	Temporary Sediment Pond
	5	Silt Fence
	5	Temporary Sediment Pond
	6	Silt Fence
	6	Temporary Sediment Pond



Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: gravel pit lake

Monitoring Period: 07/01/2017 - 07/31/2017

Outfall: grav - The gravel pit lake infiltrates and has no surface discharge outlet.

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C3	C3
1-Sa	7/1/17	C	C
2-Su	7/2/17	C	C
3-Su	7/9/17	C	C
4-Su	7/16/17	C	C
5-Su	7/23/17	C	C
6-Su	7/30/17	C	C
Minimum			M
			BM: >= 6.5 (RO)
Maximum		C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Silt Fence
	1	Temporary Sediment Pond
	2	Check Dams
	2	Silt Fence
	2	Temporary Sediment Pond
	3	Check Dams
	3	Silt Fence
	3	Temporary Sediment Pond
	4	Check Dams
	4	Silt Fence
	4	Temporary Sediment Pond
	5	Check Dams
	5	Silt Fence
	5	Temporary Sediment Pond
	6	Check Dams
	6	Silt Fence
	6	Temporary Sediment Pond



Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: McDonald Creek

Monitoring Period: 07/01/2017 - 07/31/2017

Outfall: McDo - Outfall SW-N4. The discharge on the northern boundary drains to McDonald Creek at Lat. 47.477875 and Long -122.054943

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab	Measured NTU Weekly Grab	Standard Units Weekly Grab
		C1	C1	C2	C2
1-Sa	7/1/17	C	C	C	C
2-Su	7/2/17	C	C	C	C
3-Su	7/9/17	C	C	C	C
4-Su	7/16/17	C	C	C	C
5-Su	7/23/17	C	C	C	C
6-Su	7/30/17	C	C	C	C
Minimum			M		M
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		C	M	C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Silt Fence
	1	Temporary Sediment Pond
	2	Silt Fence
	2	Temporary Sediment Pond
	3	Silt Fence
	3	Temporary Sediment Pond
	4	Silt Fence
	4	Temporary Sediment Pond
	5	Sediment Trap
	5	Temporary Sediment Pond
	6	Silt Fence
	6	Temporary Sediment Pond

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Iftner

8/15/2017 2:51:11 PM

Signature

Date

Washington Department of Ecology

Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR305034 - DMR Submission Id: 1595816 - 9/15/2017
8:58:33 AM**

Company Name	Signer Name	System Name
Herrera Environmental Consultants	George Iftner	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Herrera Environmental Consultants	Copy of Record HerreraEnvironmentalConsultants Friday September 15 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

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For Ecology Use Only



p8pIKkTrkk0stkcIHGSgRMMtygeBljNq7SAUKq09eUQEBb2FsvSbQatu9q/KIJVqL/YKoZmrsPvYWQd1pkdxvaO7fweCXE5814Q+r10ePWQ=



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: Queen City Farms Lake (QCFL)

Monitoring Period: 08/01/2017 - 08/31/2017

Outfall: CHL - Queen City Farms Lake (QCFL)

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab
		CHL	CHL
1-T	8/1/17	C	C
2-Su	8/6/17	C	C
3-Su	8/13/17	C	C
4-Su	8/20/17	C	C
5-Su	8/27/17	C	C
Minimum			M
			BM: >= 6.5 (RO)
Maximum		C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Silt Fence
	1	Temporary Sediment Pond
	2	Check Dams
	2	Silt Fence
	2	Temporary Sediment Pond
	3	Check Dams
	3	Silt Fence
	3	Temporary Sediment Pond
	4	Check Dams
	4	Silt Fence
	4	Temporary Sediment Pond
	5	Check Dams
	5	Silt Fence
	5	Temporary Sediment Pond



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: gravel pit lake

Monitoring Period: 08/01/2017 - 08/31/2017

Outfall: grav - The gravel pit lake infiltrates and has no surface discharge outlet.

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C3	C3
1-T	8/1/17	C	C
2-Su	8/6/17	C	C
3-Su	8/13/17	C	C
4-Su	8/20/17	C	C
5-Su	8/27/17	C	C
Minimum			M
			BM: >= 6.5 (RO)
Maximum		C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Silt Fence
	1	Temporary Sediment Pond
	2	Check Dams
	2	Silt Fence
	2	Temporary Sediment Pond
	3	Check Dams
	3	Silt Fence
	3	Temporary Sediment Pond
	4	Check Dams
	4	Silt Fence
	4	Temporary Sediment Pond
	5	Check Dams
	5	Silt Fence
	5	Temporary Sediment Pond



Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: McDonald Creek

Monitoring Period: 08/01/2017 - 08/31/2017

Outfall: McDo - Outfall SW-N4. The discharge on the northern boundary drains to McDonald Creek at Lat. 47.477875 and Long -122.054943

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab	Measured NTU Weekly Grab	Standard Units Weekly Grab
		C1	C1	C2	C2
1-T	8/1/17	C	C	C	C
2-Su	8/6/17	C	C	C	C
3-Su	8/13/17	C	C	C	C
4-Su	8/20/17	C	C	C	C
5-Su	8/27/17	C	C	C	C
Minimum			M		M
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		C	M	C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Silt Fence
	1	Temporary Sediment Pond
	2	Check Dams
	2	Silt Fence
	2	Temporary Sediment Pond
	3	Check Dams
	3	Silt Fence
	3	Temporary Sediment Pond
	4	Check Dams
	4	Silt Fence
	4	Temporary Sediment Pond
	5	Check Dams
	5	Silt Fence
	5	Temporary Sediment Pond

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Iftner

9/15/2017 8:58:32 AM

Signature

Date

Washington Department of Ecology

Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR305034 - DMR Submission Id: 1599238 - 10/13/2017
10:45:44 AM**

Company Name	Signer Name	System Name
Herrera Environmental Consultants	George Iftner	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Herrera Environmental Consultants	Copy of Record HerreraEnvironmentalConsultants Friday October 13 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

For Ecology Use Only



br9Wy1A1cj+IvOckymQETgVDhpAvr7jG5t+EZVuUhdIMAcIuHodBLKK+YwK
+iOZ7RvWYtdcx8PIF8lvzxIhPCYVscNSRoo5xWumT9WH2fuo=



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: Queen City Farms Lake (QCFL)

Monitoring Period: 09/01/2017 - 09/30/2017

Outfall: CHL - Queen City Farms Lake (QCFL)

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab
		CHL	CHL
1-F	9/1/17	C	C
2-Su	9/3/17	C	C
3-Su	9/10/17	C	C
4-T	9/19/17	3.76	M
5-W	9/27/17	7.0	M
Minimum			M BM: >= 6.5 (RO)
Maximum		7.0 BM: <= 25 (RO)	M BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Temporary Sediment Pond
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Temporary Sediment Pond
	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Temporary Sediment Pond
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Temporary Sediment Pond
	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Temporary Sediment Pond



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: gravel pit lake

Monitoring Period: 09/01/2017 - 09/30/2017

Outfall: grav - The gravel pit lake infiltrates and has no surface discharge outlet.

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C3	C3
1-F	9/1/17	C	C
2-Su	9/3/17	C	C
3-Su	9/10/17	C	C
4-Su	9/17/17	C	C
5-Su	9/24/17	C	C
Minimum			M
			BM: >= 6.5 (RO)
Maximum		C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Temporary Sediment Pond
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Temporary Sediment Pond
	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Temporary Sediment Pond
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Temporary Sediment Pond
	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Temporary Sediment Pond



Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: McDonald Creek

Monitoring Period: 09/01/2017 - 09/30/2017

Outfall: McDo - Outfall SW-N4. The discharge on the northern boundary drains to McDonald Creek at Lat. 47.477875 and Long -122.054943

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab		pH Standard Units Weekly Grab	
		C1	C1	C2	C2
1-F	9/1/17	C	C	C	C
2-Su	9/3/17	C	C	C	C
3-Su	9/10/17	C	C	C	C
4-Su	9/17/17	C	C	C	C
5-Su	9/24/17	C	C	C	C
Minimum			M		M
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		C	M	C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Temporary Sediment Pond
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Temporary Sediment Pond
	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Temporary Sediment Pond
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Temporary Sediment Pond
	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Temporary Sediment Pond

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Iftner

10/13/2017 10:45:43 AM

Signature

Date

Washington Department of Ecology

Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR305034 - DMR Submission Id: 1603642 - 11/14/2017
6:24:23 PM**

Company Name	Signer Name	System Name
Herrera Environmental Consultants	George Iftner	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Herrera Environmental Consultants	Copy of Record HerreraEnvironmentalConsultants Tuesday November 14 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

For Ecology Use Only



1sn2dHMu5koEUaXjrNj6BCnh9iAL+nudigvA3W1mJcdu
+GbjSiLTqQve9u6Po44SDCMdC9q2su8fQNIax99Nn8MkmsmdQF+QIHEa4m7nuEQ=



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: Queen City Farms Lake (QCFL)

Monitoring Period: 10/01/2017 - 10/31/2017

Outfall: CHL - Queen City Farms Lake (QCFL)

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab
		CHL	CHL
1-Su	10/1/17	C	C
2-F	10/13/17	7.0	M
3-Th	10/19/17	20	M
3-F	10/20/17	37	M
3-Sa	10/21/17	52	M
4-Su	10/22/17	205	M
4-M	10/23/17	87	M
4-T	10/24/17	39	M
5-Su	10/29/17	C	C
Minimum			M
			BM: >= 6.5 (RO)
Maximum		205	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Temporary Sediment Pond
	1	Triangular Silt Dike
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Straw Wattles
	2	Temporary Sediment Pond
	2	Triangular Silt Dike
	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Straw Wattles
	3	Temporary Sediment Pond
	3	Triangular Silt Dike
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Straw Wattles
	4	Temporary Sediment Pond
	4	Triangular Silt Dike
	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Straw Wattles
	5	Temporary Sediment Pond



	5	Triangular Silt Dike
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Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: gravel pit lake

Monitoring Period: 10/01/2017 - 10/31/2017

Outfall: grav - The gravel pit lake infiltrates and has no surface discharge outlet.

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C3	C3
1-Su	10/1/17	C	C
2-Su	10/8/17	C	C
3-Su	10/15/17	C	C
4-Su	10/22/17	C	C
5-Su	10/29/17	C	C
Minimum			M
			BM: >= 6.5 (RO)
Maximum		C	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Straw Wattles
	1	Temporary Sediment Pond
	1	Triangular Silt Dike
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Straw Wattles
	2	Temporary Sediment Pond
	2	Triangular Silt Dike
	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Straw Wattles
	3	Temporary Sediment Pond
	3	Triangular Silt Dike
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Straw Wattles
	4	Temporary Sediment Pond
	4	Triangular Silt Dike
	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Straw Wattles
	5	Temporary Sediment Pond
	5	Triangular Silt Dike



Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: McDonald Creek

Monitoring Period: 10/01/2017 - 10/31/2017

Outfall: McDo - Outfall SW-N4. The discharge on the northern boundary drains to McDonald Creek at Lat. 47.477875 and Long -122.054943

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C1	C1	C2	C2
1-Su	10/1/17	C	C	C	C
2-Su	10/8/17	C	M		
2-M	10/9/17	C	M		
2-T	10/10/17	C	M		
2-W	10/11/17	C	M		
2-Th	10/12/17	C	M		
2-F	10/13/17	C	M		
2-Sa	10/14/17	C	M	14	M
3-Su	10/15/17	C	C	C	C
4-Su	10/22/17			C	M
4-M	10/23/17	45	M		
4-T	10/24/17	39	M		
5-Su	10/29/17				
5-M	10/30/17	21	M	17	M
5-T	10/31/17	21	M	18	
Minimum			M		M
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		45	M	18	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Straw Wattles
	1	Temporary Sediment Pond
	1	Triangular Silt Dike
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Straw Wattles
	2	Temporary Sediment Pond
	2	Triangular Silt Dike
	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Straw Wattles
	3	Temporary Sediment Pond
	3	Triangular Silt Dike
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence



	4	Straw Wattles
	4	Temporary Sediment Pond
	4	Triangular Silt Dike
	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Straw Wattles
	5	Temporary Sediment Pond
	5	Triangular Silt Dike

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Iftner

Signature

11/14/2017 6:24:22 PM

Date

Washington Department of Ecology
Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR305034 - DMR Submission Id: 1605191 - 12/4/2017
2:39:00 PM**

Company Name	Signer Name	System Name
Herrera Environmental Consultants	George Iftner	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Herrera Environmental Consultants	Copy of Record HerreraEnvironmentalConsultants Monday December 4 2017

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

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Z56o0T8OvtJxLNfhN9z/49vJp59zPS804q7P4Qd9hsBpsfia2pjrXpN5Lba+7Lsjc0GeqYCAgMIh
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Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: Queen City Farms Lake (QCFL)

Monitoring Period: 11/01/2017 - 11/30/2017

Outfall: CHL - Queen City Farms Lake (QCFL)

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab
		CHL	CHL
1-W	11/1/17	25	M
2-M	11/6/17	63	M
2-T	11/7/17	38	M
2-W	11/8/17	116	M
2-Th	11/9/17	40	M
3-T	11/14/17	30	M
4-M	11/20/17	43	M
4-T	11/21/17	45	M
4-W	11/22/17	46	M
5-Su	11/26/17	88	M
5-M	11/27/17	107	M
5-T	11/28/17	91	M
5-W	11/29/17	86	M
5-Th	11/30/17	77	M
Minimum			M BM: >= 6.5 (RO)
Maximum		107 BM: <= 25 (RO)	M BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Straw Wattles
	1	Temporary Sediment Pond
	1	Triangular Silt Dike
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Straw Wattles
	2	Temporary Sediment Pond
	2	Triangular Silt Dike
	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Straw Wattles
	3	Temporary Sediment Pond
	3	Triangular Silt Dike
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Straw Wattles
	4	Temporary Sediment Pond
	4	Triangular Silt Dike



	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Straw Wattles
	5	Temporary Sediment Pond
	5	Triangular Silt Dike



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: gravel pit lake

Monitoring Period: 11/01/2017 - 11/30/2017

Outfall: grav - The gravel pit lake infiltrates and has no surface discharge outlet.

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C3	C3
1-W	11/1/17	C	C
2-M	11/6/17	16	M
3-W	11/15/17	5	M
3-Th	11/16/17	15	M
3-F	11/17/17	15	M
3-Sa	11/18/17	17	M
4-T	11/21/17	18	M
4-W	11/22/17	16	M
5-Su	11/26/17	23.6	M
5-M	11/27/17	18	M
5-T	11/28/17	17	M
5-W	11/29/17	16	M
5-Th	11/30/17	20	M
Minimum			M
			BM: >= 6.5 (RO)
Maximum		23.6	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Straw Wattles
	1	Temporary Sediment Pond
	1	Triangular Silt Dike
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Straw Wattles
	2	Temporary Sediment Pond
	2	Triangular Silt Dike
	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Straw Wattles
	3	Temporary Sediment Pond
	3	Triangular Silt Dike
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Straw Wattles
	4	Temporary Sediment Pond
	4	Triangular Silt Dike



	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Straw Wattles
	5	Temporary Sediment Pond
	5	Triangular Silt Dike



Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: McDonald Creek

Monitoring Period: 11/01/2017 - 11/30/2017

Outfall: McDo - Outfall SW-N4. The discharge on the northern boundary drains to McDonald Creek at Lat. 47.477875 and Long -122.054943

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C1	C1	C2	C2
1-W	11/1/17	17	M	15	M
2-M	11/6/17	18	M	21	M
2-F	11/10/17	21	M	5	M
3-T	11/14/17	52	M	7	M
3-W	11/15/17	23	M	18	M
3-Th	11/16/17	21	M		
4-M	11/20/17	16	M	15	M
4-T	11/21/17	21	M	18	M
4-W	11/22/17	22	M	18	M
5-Su	11/26/17	19.7	M		
5-M	11/27/17	17	M	10	M
5-T	11/28/17	23	M	18	M
5-W	11/29/17	37	M	6	M
5-Th	11/30/17	30	M	14	M
Minimum			M		M
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		52	M	21	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, M - Monitoring Is Conditional/Not Req This MP

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Straw Wattles
	1	Temporary Sediment Pond
	1	Triangular Silt Dike
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Straw Wattles
	2	Temporary Sediment Pond
	2	Triangular Silt Dike
	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Straw Wattles
	3	Temporary Sediment Pond
	3	Triangular Silt Dike
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Straw Wattles



	4	Temporary Sediment Pond
	4	Triangular Silt Dike
	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Straw Wattles
	5	Temporary Sediment Pond
	5	Triangular Silt Dike

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Iftner

Signature

12/4/2017 2:39:00 PM

Date

Washington Department of Ecology

Electronic Submission Cover Letter



**WQWebDMR - Permit# WAR305034 - DMR Submission Id: 1610744 - 1/16/2018
10:26:32 AM**

Company Name	Signer Name	System Name
Herrera Environmental Consultants	George Iftner	WQWebPortal

Attachments:

Document Name Or Description	Document Name
Submitted Copy of Record for Herrera Environmental Consultants	Copy of Record HerreraEnvironmentalConsultants Tuesday January 16 2018

Attestation Agreed to at Signing:

I certify I personally signed and submitted to the Department of Ecology an Electronic Signature Agreement. I understand that use of my electronic signature account/password to submit this information is equal to my written signature. I have read and followed all the rules of use in my Electronic Signature Agreement. I believe no one but me has had access to my password and other account information.

I further certify: I had the opportunity to review the content or meaning of the submittal before signing it; and to the best of my knowledge and belief, the information submitted is true, accurate, and complete. I intend to submit this information as part of the implementation, oversight, and enforcement of a federal environmental program. I am aware there are significant penalties for submitting false information, including possible fines and imprisonment.

For Ecology Use Only



oyvAYFStiOHxNic6iTtd5cyOvWzSf26v2m2ugqZ9iilDwdYsZuFuHWm/SSp
+ot0H5zzsgnV07h73wMQjL1Y7d62yQdL7kV4YJsNANxPvvfg=



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: Queen City Farms Lake (QCFL)

Monitoring Period: 12/01/2017 - 12/31/2017

Outfall: CHL - Queen City Farms Lake (QCFL)

Version: 1

Week	Monitoring Point	Turbidity (NTU)	pH
		Measured NTU Weekly Grab	Standard Units Weekly Grab
		CHL	CHL
1-F	12/1/17	80	M
2-Su	12/3/17	C	M
2-M	12/4/17	17	M
2-T	12/5/17	C	M
2-W	12/6/17	C	M
2-Th	12/7/17	C	M
2-F	12/8/17	79	M
3-M	12/11/17	56	M
3-T	12/12/17	47	M
3-W	12/13/17	C	M
3-Th	12/14/17	45	M
4-M	12/18/17	C	M
4-T	12/19/17	C	M
4-W	12/20/17	C	M
4-Th	12/21/17	C	M
4-F	12/22/17	C	M
4-Sa	12/23/17	58	M
5-T	12/26/17	C	M
5-W	12/27/17	C	M
5-Th	12/28/17	C	M
5-F	12/29/17	C	M
6-Su	12/31/17	E*	M
Minimum			M BM: >= 6.5 (RO)
Maximum		80 BM: <= 25 (RO)	M BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, E - Analysis Not Complete/ Not Conducted/Not Reported, M - Monitoring Is Conditional/Not Req This MP

Outfall: CHL - Queen City Farms Lake (QCFL)

Monitoring Point	Parameter	Sample Date/ Statistical Base	Value	Notes/Comment
CHL	Turbidity (Nephelometric) Measured NTU	12/31/2017	E	No contractor personnel onsite for the holiday. No precipitation recorded at onsite rain gauge.

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Straw Wattles
	1	Temporary Sediment Pond
	1	Triangular Silt Dike
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Straw Wattles
	2	Temporary Sediment Pond



	2	Triangular Silt Dike
	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Straw Wattles
	3	Temporary Sediment Pond
	3	Triangular Silt Dike
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Straw Wattles
	4	Temporary Sediment Pond
	4	Triangular Silt Dike
	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Straw Wattles
	5	Temporary Sediment Pond
	5	Triangular Silt Dike
	6	Check Dams
	6	Sediment Trap
	6	Silt Fence
	6	Straw Wattles
	6	Temporary Sediment Pond
	6	Triangular Silt Dike



Washington State Department of Ecology Discharge Monitoring Report (DMR)

Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: gravel pit lake

Monitoring Period: 12/01/2017 - 12/31/2017

Outfall: grav - The gravel pit lake infiltrates and has no surface discharge outlet

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab	pH Standard Units Weekly Grab
		C3	C3
1-F	12/1/17	15	M
2-Su	12/3/17	C	M
2-M	12/4/17	5	M
2-T	12/5/17	16	M
2-W	12/6/17	18	M
2-Th	12/7/17	20	M
2-F	12/8/17	18	M
3-M	12/11/17	20	M
3-T	12/12/17	20	M
3-W	12/13/17	21	M
3-Th	12/14/17	18	M
4-M	12/18/17	C	M
4-T	12/19/17	5	M
4-W	12/20/17	6	M
4-Th	12/21/17	21	M
4-Sa	12/23/17	21	M
5-Th	12/28/17	6	M
5-F	12/29/17	21	M
6-Su	12/31/17	E*	M
Minimum			M
			BM: >= 6.5 (RO)
Maximum		21	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, E - Analysis Not Complete/ Not Conducted/Not Reported, M - Monitoring Is Conditional/Not Req This MP

Outfall: grav - The gravel pit lake infiltrates and has no surface discharge outlet

Monitoring Point	Parameter	Sample Date/ Statistical Base	Value	Notes/Comment
C3	Turbidity (Nephelometric) Measured NTU	12/31/2017	E	No contractor personnel onsite for the holiday. No precipitation recorded at onsite rain gauge.

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Straw Wattles
	1	Temporary Sediment Pond
	1	Triangular Silt Dike
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Straw Wattles
	2	Temporary Sediment Pond
	2	Triangular Silt Dike
	3	Check Dams



	3	Sediment Trap
	3	Silt Fence
	3	Straw Wattles
	3	Temporary Sediment Pond
	3	Triangular Silt Dike
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Straw Wattles
	4	Temporary Sediment Pond
	4	Triangular Silt Dike
	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Straw Wattles
	5	Temporary Sediment Pond
	5	Triangular Silt Dike
	6	Check Dams
	6	Sediment Trap
	6	Silt Fence
	6	Straw Wattles
	6	Temporary Sediment Pond
	6	Triangular Silt Dike



Permit Number: WAR305034

Permittee: Cedar Hills regional Landfill

Facility County: King

Receiving Waterbody: McDonald Creek

Monitoring Period: 12/01/2017 - 12/31/2017

Outfall: McDo - Outfall SW N4 The discharge on the northern boundary drains to McDonald Creek at Lat 47 477875 and Long 122 054943

Version: 1

Week	Monitoring Point	Turbidity (NTU) Measured NTU Weekly Grab		pH Standard Units Weekly Grab	
		C1	C1	C2	C2
1-F	12/1/17	23	M	E*	M
2-Su	12/3/17	20	M	18	M
2-M	12/4/17	15	M	12	M
3-T	12/12/17	17	M	22	M
4-M	12/18/17	18	M	22	M
4-T	12/19/17	109	M	21	M
4-W	12/20/17	60	M	18	M
4-Th	12/21/17	25	M		
4-Sa	12/23/17	52	M	18	M
5-T	12/26/17	C	M	C	M
5-W	12/27/17	C	M	C	M
5-Th	12/28/17	9	M		
5-F	12/29/17	21	M	18	M
6-Su	12/31/17	E*	M	E*	M
Minimum			M		M
			BM: >= 6.5 (RO)		BM: >= 6.5 (RO)
Maximum		109	M	22	M
		BM: <= 25 (RO)	BM: <= 8.5 (RO)	BM: <= 25 (RO)	BM: <= 8.5 (RO)

Reporting Codes Used: C - No Discharge, E - Analysis Not Complete/ Not Conducted/Not Reported, M - Monitoring Is Conditional/Not Req This MP

Outfall: McDo - Outfall SW N4 The discharge on the northern boundary drains to McDonald Creek at Lat 47 477875 and Long 122 054943

Monitoring Point	Parameter	Sample Date/ Statistical Base	Value	Notes/Comment
C1	Turbidity (Nephelometric) Measured NTU	12/31/2017	E	No contractor personnel onsite for the holiday. No precipitation recorded at onsite rain gauge.
C2	Turbidity (Nephelometric) Measured NTU	12/1/2017	E	Only trickle flow through outfall, not sampled.
C2	Turbidity (Nephelometric) Measured NTU	12/31/2017	E	No contractor personnel onsite for the holiday. No precipitation recorded at onsite rain gauge.

BMPs

Monitoring Point	Week	BMP
	1	Check Dams
	1	Sediment Trap
	1	Silt Fence
	1	Straw Wattles
	1	Temporary Sediment Pond
	1	Triangular Silt Dike
	2	Check Dams
	2	Sediment Trap
	2	Silt Fence
	2	Straw Wattles
	2	Temporary Sediment Pond
	2	Triangular Silt Dike



	3	Check Dams
	3	Sediment Trap
	3	Silt Fence
	3	Straw Wattles
	3	Temporary Sediment Pond
	3	Triangular Silt Dike
	4	Check Dams
	4	Sediment Trap
	4	Silt Fence
	4	Straw Wattles
	4	Temporary Sediment Pond
	4	Triangular Silt Dike
	5	Check Dams
	5	Sediment Trap
	5	Silt Fence
	5	Straw Wattles
	5	Temporary Sediment Pond
	5	Triangular Silt Dike
	6	Check Dams
	6	Sediment Trap
	6	Silt Fence
	6	Straw Wattles
	6	Temporary Sediment Pond
	6	Triangular Silt Dike

I certify under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

George Iftner

1/16/2018 10:26:31 AM

Signature

Date