

**ALTERNATIVES COST SUMMARY
NORTH BEACH BASIN**

Alternative	Description	Total Construction Cost ¹	Land Acquisition Cost		Street Use		Project Total Cost ²	
			Low	High	Low	High	Low	High
1A	Bottom of Basin Storage Tank w/ Conveyance to Carkeek PS	\$6,890,000	TBD	TBD	\$0	\$0	\$6,890,000	\$6,890,000
1B	Bottom of Basin Storage Pipe w/ Conveyance to Carkeek PS	\$7,060,000	\$0	\$0	\$200,000	\$250,000	\$7,260,000	\$7,310,000
1C	Centralized Storage up in Basin w/ Conveyance to 8th Ave Interceptor	\$30,190,000	TBD	TBD	\$1,600,000	\$12,900,000	\$31,790,000	\$43,090,000
1D	Centralized Storage at Bottom of Basin w/ Conveyance to 8th Ave Interceptor	\$23,210,000	TBD	TBD	\$1,600,000	\$12,900,000	\$24,810,000	\$36,110,000
2A	Conveyance to Carkeek CSO TP with Beach Alignment of Pipeline	\$41,650,000	TBD	TBD	\$0	\$0	\$41,650,000	\$41,650,000
2B	Conveyance to Carkeek CSO TP w/ Neighborhood Alignment of Pipeline	\$46,580,000	TBD	TBD	\$2,500,000	\$19,800,000	\$49,080,000	\$66,380,000
3A	Bottom of Basin Treatment Facility	\$24,110,000	TBD	TBD	\$0	\$0	\$24,110,000	\$24,110,000
3B	Centralized Treatment Facility Up in Basin	\$36,350,000	TBD	TBD	\$427,000	\$3,700,000	\$36,777,000	\$40,050,000
5A	I/I Control ³	\$32,300,000 to \$73,250,000	\$0	\$0	TBD	TBD	\$32,300,000	\$73,250,000

Note:

- 1 Total construction cost includes total direct costs plus 30% allied costs and 50% contingency cost
- 2 Project total cost range is the sum of total construction cost plus permit and land acquisition cost
- 3 Low cost for 5A does not include stormwater collection; High cost for 5A includes I/I Control Upgrades and stormwater collection system

NORTH BEACH		CSO Beach Projects											
PROJECT MANAGER: Shahrzad Namini		Real Estate Preliminary Planning Level- Comparative Costs Document											
REAL ESTATE LEAD: Hien Dung		PRELIMINARY DRAFT (SUBJECT TO CHANGE) - For discussion purposes only.											
Alternative(s)	Description of Alternative and/or Requirement for Property	Estimated Footprint/s	ESTIMATED ENTIRE PROJECT DURATION (MONTHS)	ESTIMATES FOR PRIVATE PROPERTY		ESTIMATES FOR PARKS USE			ESTIMATES FOR STREET USE				ESTIMATED TOTAL REAL ESTATE COST
				Est. Area for Acquisition (Fee/ Easement)	Est. Value of Private Property	Est. Area (SF)	Est. Revoc. Use Permit Fee	Est. Acq. (Fee/ Easement)	Description of Street Use	Est. Area (LF)	OPTIONS for Street Use Fee Calculations		
											Discounted Option (Construction in Stages of 200LF)	Per Seattle Municipal Code (Entire Length of Street Use Over Entire Duration)	
1A	Rectangular Storage at Bottom of Basin with Conveyance to Carkeek Park Pump Station	5,000SF approx. 1 parcel @ BOTTOM of Basin for Storage+ Odor Control & Electrical + Diversion Structure pipelines Div. Structure within existing pump station property (NO acquisition assumed)	12	5,000SF	\$800k to \$1.8M	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$800k to \$1.8M
1B	Pipeline Storage in ROW Centralized Storage with Ancillary Facilities on Existing North Beach Pump Station	250'- Pipeline Storage in ROW (NO property acquisition assumed) Div. Structure within existing pump station property (NO acquisition assumed)	12	N/A	N/A	N/A	N/A	N/A	Pipeline Storage in ROW @ NW Blue Ridge Dr.	250	\$200k	\$250k	\$200k to \$250k
1C	Centralized Storage with Conveyance to 8th Avenue Interceptor	7,800SF approx. 1 parcel @ BOTTOM of Basin for Pump Station+ Force Main Drainage + Div. Structure 6,000SF Anywhere in basin area, but assumes use of portion of Crownhill school property (Assessed @ \$80/sf) for Storage+ Odor Control & Electrical+Force Main Drainage + Gravity Line Div. Structure within existing pump station property (NO acquisition assumed)	18	7,800SF + 6,000SF	\$800k to \$1.8M + \$480k	N/A	N/A	N/A	Force Main & Gravity Line from pump station to 8th Avenue Interceptor	7800	\$1.6M	\$12.9M	\$2.9M to \$15.2M

NORTH BEACH		CSO Beach Projects											
PROJECT MANAGER: Shahrazad Namini		Real Estate Preliminary Planning Level- Comparative Costs Document											
REAL ESTATE LEAD: Hien Dung		PRELIMINARY DRAFT (SUBJECT TO CHANGE) - For discussion purposes only.											
Alternative(s)	Description of Alternative and/or Requirement for Property	Estimated Footprint/s	ESTIMATED ENTIRE PROJECT DURATION (MONTHS)	ESTIMATES FOR PRIVATE PROPERTY		ESTIMATES FOR PARKS USE			ESTIMATES FOR STREET USE				ESTIMATED TOTAL REAL ESTATE COST
				Est. Area for Acquisition (Fee/ Easement)	Est. Value of Private Property	Est. Area (SF)	Est. Revoc. Use Permit Fee	Est. Acq. (Fee/ Easement)	Description of Street Use	Est. Area (LF)	OPTIONS for Street Use Fee Calculations		
											Discounted Option (Construction in Stages of 200LF)	Per Seattle Municipal Code (Entire Length of Street Use Over Entire Duration)	
2A	Conveyance to Carkeek CSO Treatment Plant with Beach Pipeline Alignment	7,800SF approx. 1 parcel @ BOTTOM of Basin for Pump Station + Force Main + Diversion Structure pipeline + TBD BNSF crossing- Force Main from pump station to Carkeek Park Div. Structure within existing pump station property (NO acquisition assumed)	24	7,800SF	\$800k to \$1.8M	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$800k to \$1.8M + TBD (BNSF easement)
2B	Conveyance to Carkeek CSO Treatment Plant through existing Right-of-Way	7,800SF approx. 1 parcel @ BOTTOM of Basin for Pump Station + Force Main Drainage + Div. Structure pipeline Div. Structure within existing pump station property (NO acquisition assumed)	18	7,800SF	\$800k to \$1.8M	N/A	N/A	N/A	Force Main from pump station to Carkeek Park facility	12,000	\$2.5M	\$19.8M	\$3.3M to \$21.6M
3A	Bottom of Basin Treatment Facility	9,000SF approx. 1 parcel @ BOTTOM of Basin for HRC/UV Facility + Outfall Connection +Div. Structure pipeline Div. Structure within existing pump station property (NO acquisition assumed)	16	9,000SF	\$800k to \$1.8M	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$800k to \$1.8M



PROJECT SUMMARY

Project: North Beach - 1A
 Job #:
 Location: Seattle, Washington
 Zip Code:

Estimate Class: Planning Level
 PIC: JPH
 PM: BRM
 Date: February-10
 By: CEH
 Reviewed:

NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$2,390,000
	SPECIAL CONSTRUCTION	
	STREET RESTORATION	\$0
	DEWATERING	\$890,000
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS (20% OF TECHNICAL ELEMENT)	\$480,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$66,000
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$3,826,000
	ALLIED COST (30%)	\$1,150,000
	CONTINGENCY (50%)	\$1,910,000
	TOTAL CONSTRUCTION COST	\$6,886,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$6,890,000

Notes:

Volume of Storage Tank	=	0.23 MG
Cost per gallon for Storage Tank	=	\$9.00
Technical Element Cost	=	\$2,070,000
Storage Tank Submersible Pumps	=	\$191,988 TABULA formula
Number of Diversion Structures	=	1
Cost per Diversion Structure	=	\$130,000
Technical Element Cost	=	\$130,000
Dewatering	=	\$886,000 TABULA formula
Turf Field Area	=	22,000 sf
Cost per square foot	=	\$3.00
Adder Cost	=	\$66,000

Preliminary real estate cost estimate. Needs to be updated.

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The cost estimate herein is based on our perception of current conditions at the project location. This estimate reflects our professional opinion of accurate costs at this time and is subject to change as the project design matures. Carollo Engineers have no control over variances in the cost of labor, materials, equipment, nor services provided by others, contractor's means and methods of executing the work or of determining prices, competitive bidding or market conditions, practices or bidding strategies. Carollo Engineers cannot and does not warrant or guarantee that proposals, bids or actual construction costs will not vary from the costs presented as shown.



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		PROJECT SUMMARY	
Project:	North Beach - 1B	Estimate Class:	Planning Level
Job #:		PIC:	JPH
Location:	Seattle, Washington	PM:	BRM
Zip Code:		Date:	February-10
		By:	CEH
		Reviewed:	

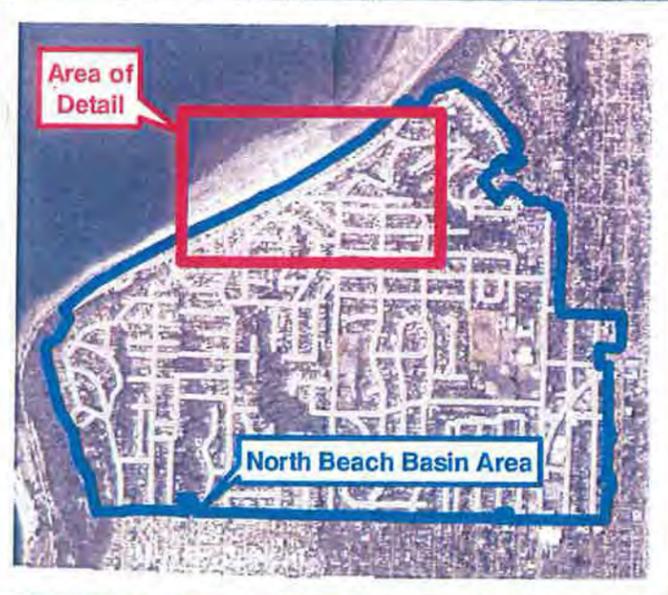
NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$2,440,000
	SPECIAL CONSTRUCTION	
	STREET RESTORATION	\$100,000
	DEWATERING	\$890,000
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS (20% OF TECHNICAL ELEMENT)	\$490,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$0
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$3,920,000
	ALLIED COST (30%)	\$1,180,000
	CONTINGENCY (50%)	\$1,960,000
	TOTAL CONSTRUCTION COST	\$7,060,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$7,060,000

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Notes:

Volume of Storage Tank	=	0.23 MG
Cost per gallon for Storage Tank	=	\$9.00
Technical Element Cost	=	\$2,070,000
Storage Tank Submersible Pumps	=	\$191,988 TABULA formula
Number of Diversion Structures	=	1
Cost per Diversion Structure	=	\$130,000
Technical Element Cost	=	\$130,000
Odor Control/Electrical	=	\$50,200 TABULA formula
Street Restoration Area	=	22,000 sf
Cost per square foot	=	\$4.50
Adder Cost	=	\$99,000
Dewatering	=	\$886,000 TABULA formula

Preliminary real estate cost estimate. Needs to be updated.
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Legend

- Combined Sewer System
- Storm Sewer System
- Sanitary Sewer System
- 10' Topographic Contour

0 50 100 150 200'

 Approximate Scale

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		PROJECT SUMMARY		Estimate Class:	Planning Level
Project:	North Beach - 1C	PIC:	JPH		
Job #:		PM:	BRM		
Location:	Seattle, Washington	Date:	February-10		
Zip Code:		By:	CEH		
		Reviewed:			

NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$11,890,000
	SPECIAL CONSTRUCTION	
	STREET RESTORATION	\$350,000
	DEWATERING	\$2,150,000
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS (20% OF TECHNICAL ELEMENT)	\$2,380,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$0
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$16,770,000
	ALLIED COST (30%)	\$5,030,000
	CONTINGENCY (50%)	\$8,390,000
	TOTAL CONSTRUCTION COST	\$30,190,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$30,190,000

Notes:

Capacity of Pump Station	=	8.5 MG	Street Restoration Area	=	78,000 sf
Cost per gallon for Pump Station	=	\$0.80	Cost per square foot	=	\$4.50
Technical Element Cost	=	\$6,800,000	Adder Cost	=	\$351,000
Volume of Storage Tank 1	=	0.15 MG	Dewatering	=	\$2,154,596 TABULA formula
Cost per gallon for Storage Tank	=	\$9.00			
Technical Element Cost	=	\$1,350,000			
Storage Tank Submersible Pumps	=	\$189,067 TABULA formula			
Number of Diversion Structures	=	1			
Cost per Diversion Structure	=	\$130,000			
Technical Element Cost	=	\$130,000			
Length of Forcemain 1	=	5800 feet			
Diameter of Forcemain	=	12			
Cost per LF of Forcemain	=	\$250			
Technical Element Cost	=	\$1,450,000			
Length of Forcemain 2	=	5800 feet			
Diameter of Forcemain	=	12			
Cost per LF of Forcemain	=	\$250			
Technical Element Cost	=	\$1,450,000			
Length of Gravity Sewer	=	2000 feet			
Diameter of Gravity Sewer	=	12			
Cost per LF of Gravity Sewer	=	\$260			
Technical Element Cost	=	\$520,000			

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PROJECT SUMMARY

Project: North Beach - 1D
 Job #:
 Location: Seattle, Washington
 Zip Code:

Estimate Class: Planning Level
 PIC: JPH
 PM: BRM
 Date: February-10
 By: CEH
 Reviewed:

NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$8,660,000
	SPECIAL CONSTRUCTION	
	STREET RESTORATION	\$350,000
	DEWATERING	\$2,150,000
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS (20% OF TECHNICAL ELEMENT)	\$1,730,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$0
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$12,890,000
	ALLIED COST (30%)	\$3,870,000
	CONTINGENCY (50%)	\$6,450,000
	TOTAL CONSTRUCTION COST	\$23,210,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$23,210,000

Notes:

Capacity of Pump Station	=	3.5 MG	Street Restoration Area	=	78,000 sf
Cost per gallon for Pump Station	=	\$1.15	Cost per square foot	=	\$4.50
Technical Element Cost	=	\$4,025,000	Adder Cost	=	\$351,000
Volume of Storage Tank 1	=	0.15 MG	Dewatering	=	\$2,154,596 TABULA formula
Cost per gallon for Storage Tank	=	\$9.00			
Technical Element Cost	=	\$1,350,000			
Storage Tank Submersible Pumps	=	\$189,067 TABULA formula			
Number of Diversion Structures	=	2			
Cost per Diversion Structure	=	\$130,000			
Technical Element Cost	=	\$260,000			
Length of Forcemain 1	=	5800 feet			
Diameter of Forcemain	=	8			
Cost per LF of Forcemain	=	\$200			
Technical Element Cost	=	\$1,160,000			
Length of Forcemain 2	=	5800 feet			
Diameter of Forcemain	=	8			
Cost per LF of Forcemain	=	\$200			
Technical Element Cost	=	\$1,160,000			
Length of Gravity Sewer	=	2000 feet			
Diameter of Gravity Sewer	=	12			
Cost per LF of Gravity Sewer	=	\$260			
Technical Element Cost	=	\$520,000			

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 PROJECT SUMMARY		
Project:	North Beach - 2A	Estimate Class: Planning Level
Job #:		PIC: JPH
Location:	Seattle, Washington	PM: BRM
Zip Code:		Date: February-10
		By: CEH
		Reviewed:
NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$17,840,000
	SPECIAL CONSTRUCTION	
	STREET RESTORATION	\$0
	DEWATERING	\$1,700,000
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS (20% OF TECHNICAL ELEMENT)	\$3,570,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$33,000
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$23,143,000
	ALLIED COST (30%)	\$6,940,000
	CONTINGENCY (50%)	\$11,570,000
	TOTAL CONSTRUCTION COST	\$41,653,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$41,650,000

Notes:

Capacity of HRC	=	5.50 MG
Cost per gallon for HRC	=	\$1.65
Technical Element Cost	=	\$9,075,000
Capacity of Pump Station	=	8.50 MG
Cost per gallon for Pump Station	=	\$0.70
Technical Element Cost	=	\$5,950,000
Number of Diversion Structures	=	1
Cost per Diversion Structure	=	\$130,000
Technical Element Cost	=	\$130,000
Length of Force Main	=	6,500 feet
Diameter of Force Main	=	16
Cost per LF of Force Main	=	\$275
Technical Element Cost	=	\$2,681,250
Dewatering	=	\$1,702,280 TABULA formula
Turf Field Area	=	11,000 sf
Cost per square foot	=	\$3.00
Adder Cost	=	\$33,000

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Area of Detail

North Beach Basin Area



16" Force Main to Carkeek Pump Station
(Replace Existing)

To 5.5 mgd HRC/UV Facility
at Carkeek Park

8.5 mgd
Pump Station
(80' x 60')

Potential Area for
Pump Station

North Beach
Pump Station

Diversion
Structure
(10' x 10')

Legend

- Combined Sewer System
- Storm Sewer System
- Sanitary Sewer System
- 10' Topographic Contour

0 50 100 150 200'

Approximate Scale

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 PROJECT SUMMARY		
Project:	North Beach - 2B	Estimate Class: Planning Level
Job #:		PIC: JPH
Location:	Seattle, Washington	PM: BRM
Zip Code:		Date: February-10
		By: CEH
		Reviewed:
NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$19,610,000
	SPECIAL CONSTRUCTION	
	STREET RESTORATION	\$220,000
	DEWATERING	\$2,100,000
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS (20% OF TECHNICAL ELEMENT)	\$3,920,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$33,000
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$25,883,000
	ALLIED COST (30%)	\$7,760,000
	CONTINGENCY (50%)	\$12,940,000
	TOTAL CONSTRUCTION COST	\$46,583,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$46,580,000

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Notes:

Capacity of HRC	=	5.50 MG
Cost per gallon for HRC	=	\$1.65
Technical Element Cost	=	\$9,075,000
Capacity of Pump Station	=	8.50 MG
Cost per gallon for Pump Station	=	\$0.80
Technical Element Cost	=	\$6,800,000
Number of Diversion Structures	=	1
Cost per Diversion Structure	=	\$130,000
Technical Element Cost	=	\$130,000
Length of Force Main	=	12,000 feet
Diameter of Force Main	=	16
Cost per LF of Force Main	=	\$300
Technical Element Cost	=	\$3,600,000
Street Restoration Area	=	48,000 sf
Cost per square foot	=	\$4.50
Adder Cost	=	\$216,000
Dewatering	=	\$2,096,280 TABULA formula
Turf Field Area	=	11,000 sf
Cost per square foot	=	\$3.00
Adder Cost	=	\$33,000

Preliminary real estate cost estimate. Needs to be updated.

Preliminary real estate cost estimate. Needs to be updated.

Preliminary real estate cost estimate. Needs to be updated.

PROJECT SUMMARY		
Project:	North Beach - 3A	Estimate Class: Planning Level
Job #:		PIC: JPH
Location:	Seattle, Washington	PM: BRM
Zip Code:		Date: February-10
		By: CEH
		Reviewed:
NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$9,210,000
	SPECIAL CONSTRUCTION	
	STREET RESTORATION	\$0
	DEWATERING	\$960,000
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS	\$3,090,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$130,000
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$13,390,000
	ALLIED COST (30%)	\$4,020,000
	CONTINGENCY (50%)	\$6,700,000
	TOTAL CONSTRUCTION COST	\$24,110,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$24,110,000

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Notes:

Capacity of HRC	=	5.50 MG
Cost per gallon for HRC	=	\$1.65
Technical Element Cost	=	\$9,075,000
Number of Diversion Structures	=	1
Cost per Diversion Structure	=	\$130,000
Technical Element Cost	=	\$130,000
Dewatering	=	\$957,320 TABULA for
Turf Field Area	=	44,000 sf
Cost per square foot	=	\$3.00
Adder Cost	=	\$132,000

Preliminary real estate cost estimate. Needs to be updated.

Preliminary real estate cost estimate. Needs to be updated.

Preliminary real estate cost estimate. Needs to be updated.



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PROJECT SUMMARY

Project: North Beach - 3B
 Job #:
 Location: Seattle, Washington
 Zip Code:

Estimate Class: Planning Level
 PIC: JPH
 PM: BRM
 Date: February-10
 By: CEH
 Reviewed:

NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$15,460,000
	SPECIAL CONSTRUCITON	
	STREET RESTORATION	\$80,000
	DEWATERING	\$1,400,000
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS (20% OF TECHNICAL ELEMENT)	\$3,090,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$162,000
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$20,192,000
	ALLIED COST (30%)	\$6,060,000
	CONTINGENCY (50%)	\$10,100,000
	TOTAL CONSTRUCTION COST	\$36,352,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$36,350,000

The cost estimate herein is based on our perception of current conditions at the project location. This estimate reflects our professional opinion of accurate costs at this time and is subject to change as the project design matures. Carollo Engineers have no control over variances in the cost of labor, materials, equipment, nor services provided by others, contractor's means and methods of executing the work or of determining prices, competitive bidding or market conditions, practices or bidding strategies. Carollo Engineers cannot and does not warrant or guarantee that proposals, bids or actual construction costs will not vary from the costs presented as shown.

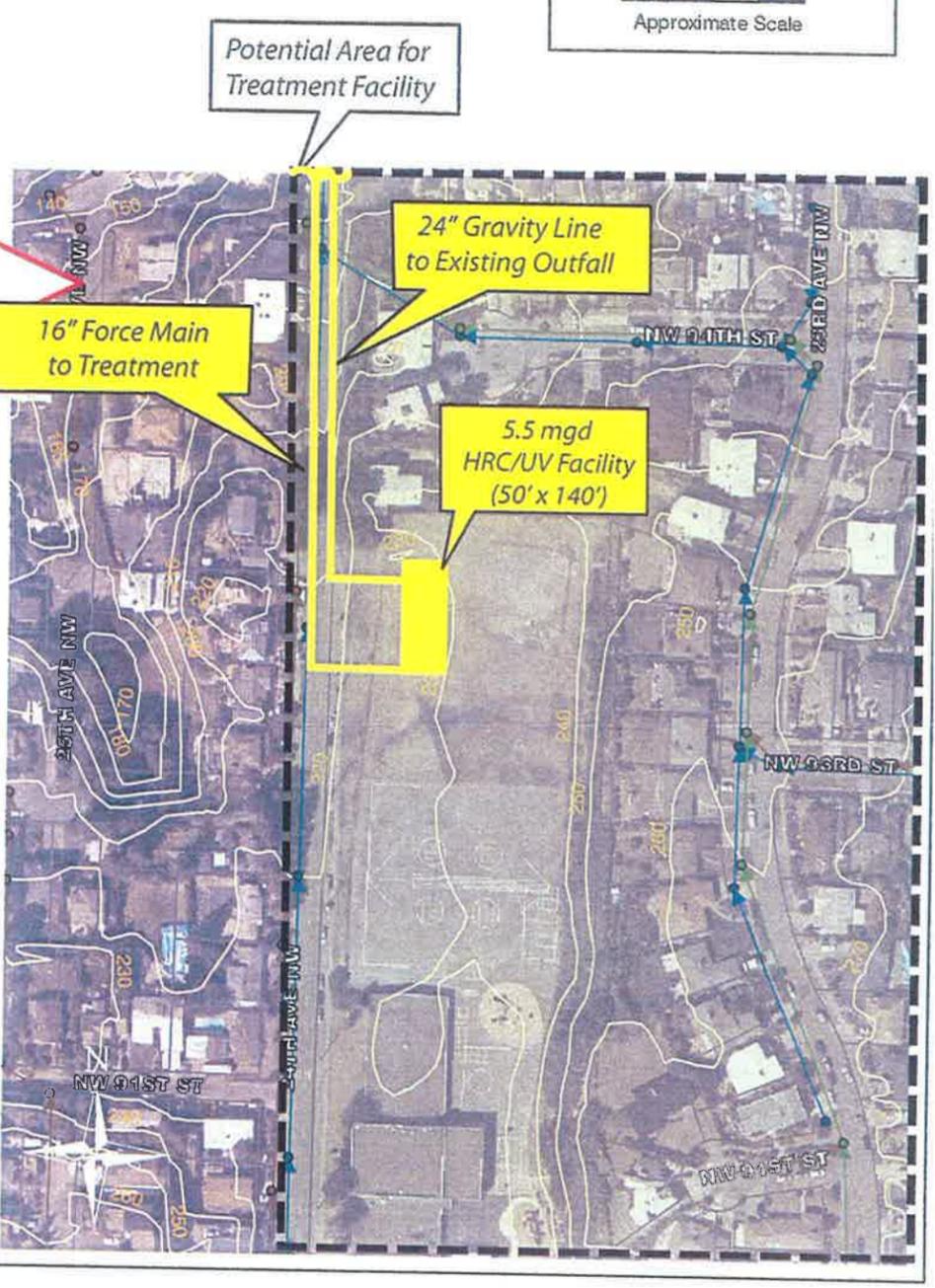
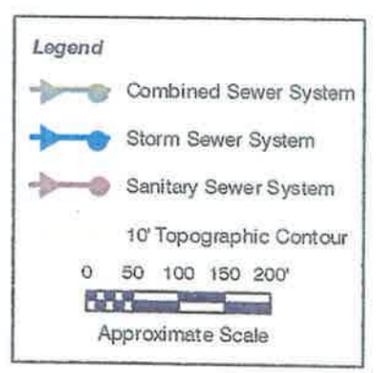
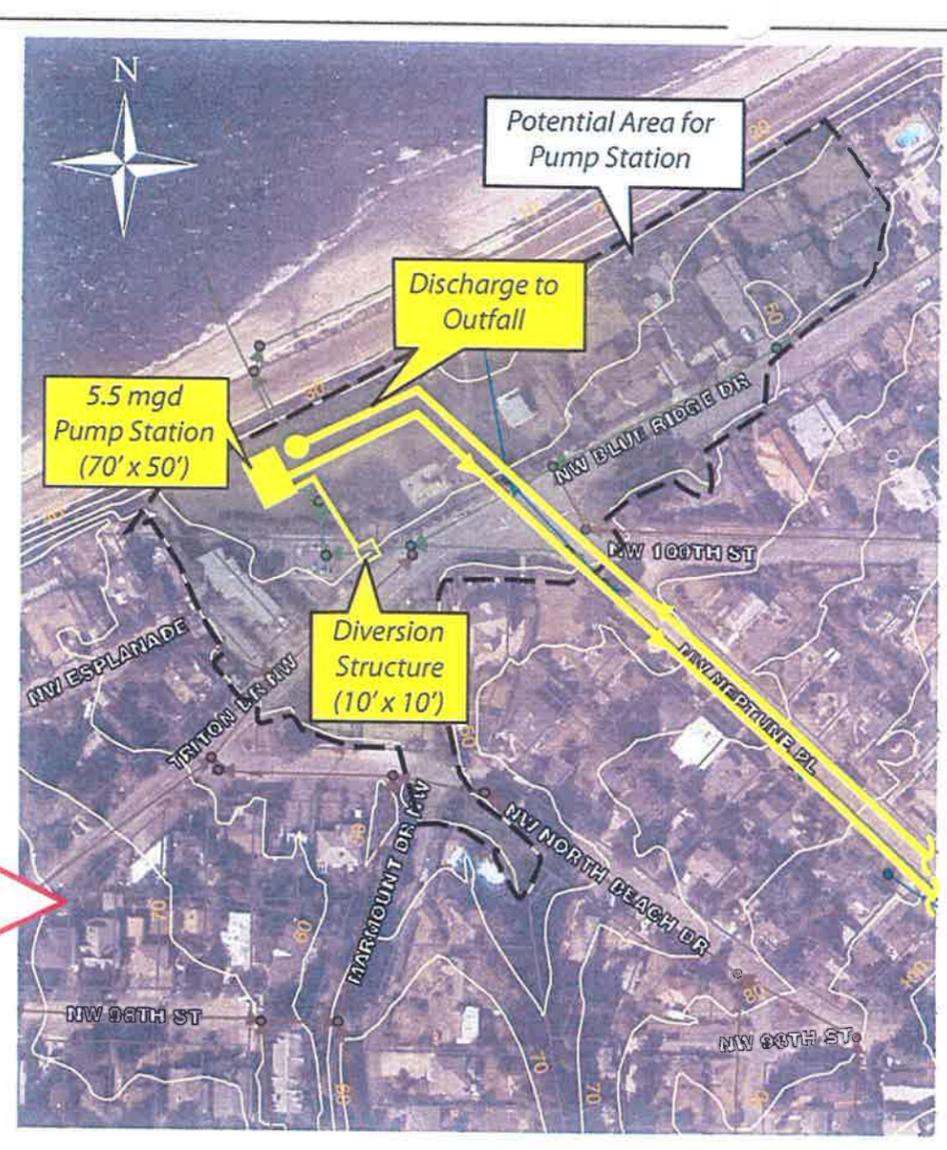
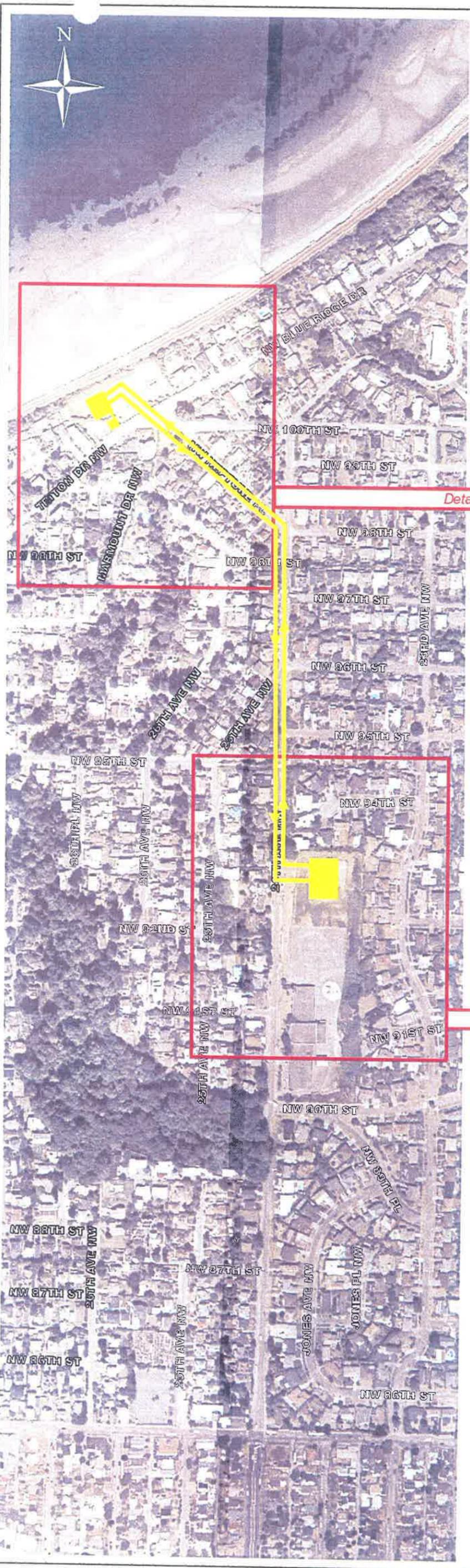
Notes:

Capacity of HRC	=	5.50 MG
Cost per gallon for HRC	=	\$1.65
Technical Element Cost	=	\$9,075,000
Capacity of Pump Station	=	5.50 MG
Cost per gallon for Pump Station	=	\$0.90
Technical Element Cost	=	\$4,950,000
Number of Diversion Structures	=	1
Cost per Diversion Structure	=	\$130,000
Technical Element Cost	=	\$130,000
Length of Forcemain	=	2000 feet
Diameter of Forcemain	=	24
Cost per LF of Forcemain	=	\$275
Technical Element Cost	=	\$550,000
Length of Gravity Sewer	=	2000 feet
Diameter of Gravity Sewer	=	24
Cost per LF of Gravity Sewer	=	\$375
Technical Element Cost	=	\$750,000
Turf Field Area	=	54,000 sf
Cost per square foot	=	\$3.00
Adder Cost	=	\$162,000
Street Restoration Area	=	17,000 sf
Cost per square foot	=	\$4.50
Adder Cost	=	\$76,500
Dewatering	=	\$1,400,280 TABULA for

Preliminary real estate cost estimate. Needs to be updated.

Preliminary real estate cost estimate. Needs to be updated.

Preliminary real estate cost estimate. Needs to be updated.



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 PROJECT SUMMARY		
Project:	North Beach - Inflow & Infiltration	Estimate Class: Planning Level
Job #:		PIC: JPH
Location:	Seattle, Washington	PM: BRM
Zip Code:		Date: May-10
		By: CEH
		Reviewed:
NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$14,970,000
	SPECIAL CONSTRUCITON	
	STREET RESTORATION	\$0
	DEWATERING	\$0
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS (20% OF TECHNICAL ELEMENT)	\$2,990,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$0
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$17,960,000
	ALLIED COST (30%)	\$5,390,000
	CONTINGENCY (50%)	\$8,980,000
	TOTAL CONSTRUCTION COST	\$32,330,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$32,330,000
<p><i>The cost estimate herein is based on our perception of current conditions at the project location. This estimate reflects our professional opinion of accurate costs at this time and is subject to change as the project design matures. Carollo Engineers have no control over variances in the cost of labor, materials, equipment; nor services provided by others, contractor's means and methods of executing the work or of determining prices, competitive bidding or market conditions, practices or bidding strategies. Carollo Engineers cannot and does not warrant or guarantee that proposals, bids or actual construction costs will not vary from the costs presented as shown.</i></p>		

Notes:

Inflow Upgrades = \$769,000
 Infiltration Upgrades = \$14,200,000

Preliminary real estate cost estimate. Needs to be updated.
 Preliminary real estate cost estimate. Needs to be updated.
 Preliminary real estate cost estimate. Needs to be updated.

 PROJECT SUMMARY		
Project:	North Beach - Inflow plus Storm Drain Systems	Estimate Class: Planning Level
Job #:		PIC: JPH
Location:	Seattle, Washington	PM: BRM
Zip Code:		Date: May-10
		By: CEH
		Reviewed:
NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$15,660,000
	SPECIAL CONSTRUCITON	
	STORM WATER STREET RESTORATION	\$6,200,000
	DEWATERING	\$870,000
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS (20% OF TECHNICAL ELEMENT)	\$3,130,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$0
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$25,860,000
	ALLIED COST (30%)	\$7,760,000
	CONTINGENCY (50%)	\$12,930,000
	TOTAL CONSTRUCTION COST	\$46,550,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$46,550,000
<p><i>The cost estimate herein is based on our perception of current conditions at the project location. This estimate reflects our professional opinion of accurate costs at this time and is subject to change as the project design matures. Carollo Engineers have no control over variances in the cost of labor, materials, equipment; nor services provided by others, contractor's means and methods of executing the work or of determining prices, competitive bidding or market conditions, practices or bidding strategies. Carollo Engineers cannot and does not warrant or guarantee that proposals, bids or actual construction costs will not vary from the costs presented as shown.</i></p>		

Notes:

Inflow Upgrades	=	\$769,000
Infiltration Upgrades	=	\$0
Length of Storm Sewer	=	68,840 feet
Diameter of Storm Sewer	=	6 inches
Cost per LF of Storm Sewer	=	\$200
Technical Element Cost	=	\$13,768,000
Volume of Storage Tank	=	0.045 mg
Cost per gallon for Storage Tank	=	\$25.00
Technical Element Cost	=	\$1,125,000
Street Restoration Area	=	1,376,800 sf
Cost per square foot	=	\$4.50
Adder Cost	=	\$ 6,195,600
Dewatering (storage tank)	=	\$869,098 TABULA formula

Preliminary real estate cost estimate. Needs to be updated.

Preliminary real estate cost estimate. Needs to be updated.

Preliminary real estate cost estimate. Needs to be updated.

 PROJECT SUMMARY		
Project:	North Beach - Inflow & Infiltration plus Storm Drain Systems	Estimate Class: Planning Level
Job #:		PIC: JPH
Location:	Seattle, Washington	PM: BRM
Zip Code:		Date: May-10
		By: CEH
		Reviewed:
NO.	DESCRIPTION	TOTAL
	TECHNICAL ELEMENT	\$28,740,000
	SPECIAL CONSTRUCTION	
	STORM WATER STREET RESTORATION	\$6,200,000
	DEWATERING	\$0
	SHORING	\$0
	RETAINING WALLS	\$0
	SITE ACCESS CONSIDERATIONS (20% OF TECHNICAL ELEMENT)	\$5,750,000
	UTILITY RELOCATION	\$0
	SPECIAL SITE RESTORATION	
	TURF FIELDS	\$0
	SPORTS COURTS	\$0
	ROOF DISCONNECTS	\$0
	SUB TOTAL - CONSTRUCTION COST	\$40,690,000
	ALLIED COST (30%)	\$12,210,000
	CONTINGENCY (50%)	\$20,350,000
	TOTAL CONSTRUCTION COST	\$73,250,000
	PERMITS AND LAND ACQUISITION	
	LAND ACQUISITION	SEE SUMMARY
	PERMITS	SEE SUMMARY
	SUBTOTAL - PERMITS AND LAND ACQUISITION	SEE SUMMARY
	PROJECT TOTAL	\$73,250,000
<p><i>The cost estimate herein is based on our perception of current conditions at the project location. This estimate reflects our professional opinion of accurate costs at this time and is subject to change as the project design matures. Carollo Engineers have no control over variances in the cost of labor, materials, equipment; nor services provided by others, contractor's means and methods of executing the work or of determining prices, competitive bidding or market conditions, practices or bidding strategies. Carollo Engineers cannot and does not warrant or guarantee that proposals, bids or actual construction costs will not vary from the costs presented as shown.</i></p>		

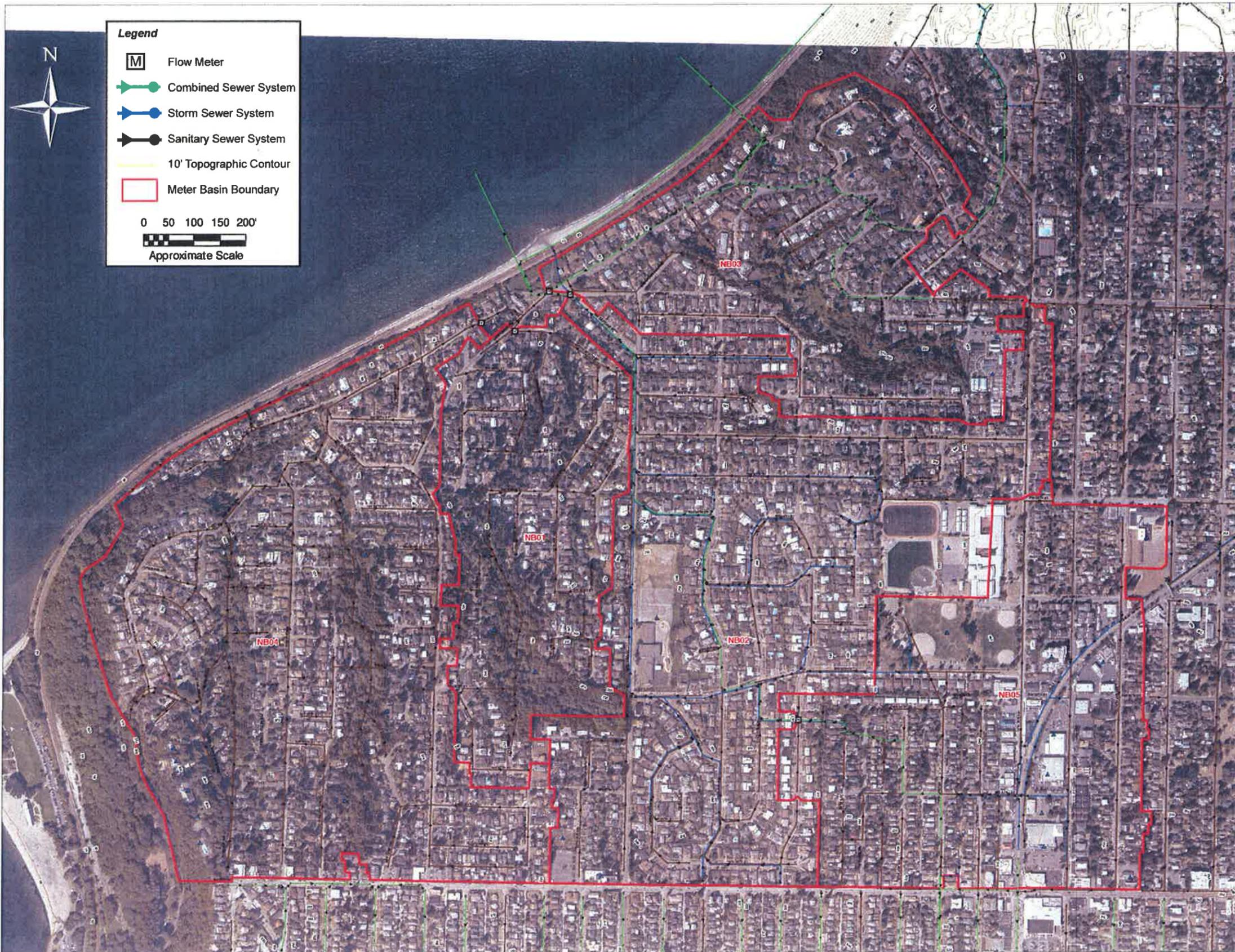
Notes:

Inflow Upgrades	=	\$769,000
Infiltration Upgrades	=	\$14,200,000
Length of Storm Sewer	=	68,840 feet
Diameter of Storm Sewer	=	6 inches
Cost per LF of Storm Sewer	=	\$200
Technical Element Cost	=	\$13,768,000
Street Restoration Area	=	1,376,800 sf
Cost per square foot	=	\$4.50
Adder Cost	=	\$ 6,195,600
Dewatering	=	\$0 TABULA formula

Preliminary real estate cost estimate. Needs to be updated.

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NORTH BEACH TECHNICAL ELEMENTS														
1A	Tank length (ft) width (ft) height (ft) Volume (MG) \$/gal \$	0.73 \$9.00 \$2,070,000	Submersible pumps Mgal TABULA formula	0.23 \$191,988	Diversion Structure Number of \$/Diversion Structure \$	1 \$130,000 \$130,000								
1A Total Technical Elements							\$2,391,988							
NORTH BEACH TECHNICAL ELEMENTS														
1B	Storage Pipe 1 length (ft) diameter (ft) Volume (MG) \$/gal \$	750 17 0.73 \$9.00 \$2,070,000	Submersible pumps Mgal TABULA formula	0.73 \$191,988	Odor Control/Electrical Mgal TABULA formula	0.23 \$50,200	Diversion Structure Number of \$/Diversion Structure \$	1 \$130,000 \$130,000						
1B Total Technical Elements								\$2,442,188						
NORTH BEACH TECHNICAL ELEMENTS														
1C	Tank 1 length (ft) width (ft) height (ft) Volume (MG) \$/gal \$	0.15 \$9.00 \$1,350,000	Submersible pumps Mgal TABULA formula	0.15 \$189,067	Pump Station Capacity (mgd) Head (ft) Pump Efficiency Motor Efficiency Power (hp) Power (kW) \$/gal \$	8.5 350 0.7 0.7 1064.033189 793.4495491 \$0.80 \$6,800,000	Diversion Structure Number of \$/Diversion Structure \$	1 \$130,000 \$130,000	Foremain-1 length (ft) diameter (in) \$/LF \$	5800 12 \$250 \$1,450,000	Foremain-2 length (ft) diameter (in) \$/LF \$	5800 12 \$250 \$1,450,000	Gravity Sewer length (ft) diameter (in) \$/LF \$	2000 12 \$260 \$520,000
1C Total Technical Elements														\$11,889,067
NORTH BEACH TECHNICAL ELEMENTS														
1D	Tank 1 length (ft) width (ft) height (ft) Volume (MG) \$/gal \$	0.15 \$9.00 \$1,350,000	Submersible pumps Mgal TABULA formula	0.15 \$189,067	Pump Station Capacity (mgd) Head (ft) Pump Efficiency Motor Efficiency Power (hp) Power (kW) \$/gal \$	8.5 350 0.7 0.7 438.1131311 326.7145202 \$1.15 \$4,025,000	Diversion Structure Number of \$/Diversion Structure \$	2 \$130,000 \$260,000	Foremain-1 length (ft) diameter (in) \$/LF \$	5800 8 \$200 \$1,160,000	Foremain-2 length (ft) diameter (in) \$/LF \$	5800 8 \$200 \$1,160,000	Gravity Sewer length (ft) diameter (in) \$/LF \$	2000 12 \$260 \$520,000
1D Total Technical Elements														\$8,664,067
NORTH BEACH TECHNICAL ELEMENTS														
2A	HRC capacity (mgd) \$/gal \$	5.50 \$1.65 \$9,075,000	Pump Station Capacity (mgd) Head (ft) Pump Efficiency Motor Efficiency Power (hp) Power (kW) \$/gal \$	8.5 100 0.7 0.7 304.0094826 226.6998712 \$0.70 \$5,950,000	Diversion Structure Number of \$/Diversion Structure \$	1 \$130,000 \$130,000	Foremain length (ft) diameter (in) \$/LF Beach Considerations \$	6500 16 \$275 50% \$2,681,250						
2A Total Technical Elements									\$17,836,250					

NORTH BEACH TECHNICAL ELEMENTS

2B									
Pump Station Capacity (mgd)	8.5	Diversion Structure Number of	1	Forcemain length (ft)	12000	HRC capacity (mgd)	5.5		
Head (ft)	350	\$/Diversion Structure	\$130,000	diameter (in)	16	\$/gal	\$1.65		
Pump Efficiency	0.7	\$	\$130,000	\$/LF	\$300	\$	\$9,075,000		
Motor Efficiency	0.7			\$	\$3,600,000				
Power (hp)	1064.033189								
Power (KW)	793.4495491								
\$/gal	50.80								
\$	\$6,800,000								
2B Total Technical Elements			\$19,605,000						
3A									
HRC capacity (mgd)	5.5	Diversion Structure Number of	1	Gravity Sewer Outfall length (ft)	300				
\$/gal	\$1.65	\$/Diversion Structure	\$130,000	diameter (in)	24				
\$	\$9,075,000	\$	\$130,000	\$/LF	\$375				
				\$	\$112,500				
3A Total Technical Elements			\$9,205,000						
3B									
HRC capacity (mgd)	5.5	Pump Station Capacity (mgd)	5.5	Diversion Structure Number of	1	Forcemain length (ft)	2000	Gravity Sewer length (ft)	2000
\$/gal	\$1.65	Head (ft)	200	\$/Diversion Structure	\$130,000	diameter (in)	24	diameter (in)	24
\$	\$9,075,000	Pump Efficiency	0.7	\$	\$130,000	\$/LF	\$275	\$/LF	\$375
		Motor Efficiency	0.7			\$	\$550,000	\$	\$750,000
		Power (hp)	393.4240363						
		Power (KW)	293.3763039						
		\$/gal	50.90						
		\$	\$4,950,000						
3B Total Technical Elements			\$15,455,000						
5A									
Tank 1 length (ft)		Storm Gravity Collection System (NB01) length (ft)	9,000	Inflow Repairs	\$88,000	Infiltration Repairs	\$3,210,000	5A Total Technical Elements (/I only)	*****
width (ft)		diameter (in)	6					5A Total Technical Elements (/I and SD collection)	*****
height (ft)		\$/LF	\$200						
Volume (MG)	0.05	\$	\$1,800,000						
\$/gal	\$25.00								
\$	\$1,125,000	Storm Gravity Collection System (NB02) length (ft)	6	Inflow Repairs	\$218,000	Infiltration Repairs	\$7,910,000		
		diameter (in)	6						
		\$/LF	\$200						
		\$	\$0						
		Storm Gravity Collection System (NB03) length (ft)	15,840	Inflow Repairs	\$100,000	Infiltration Repairs	\$3,630,000	5A Total Technical Elements (/I only)	*****
		diameter (in)	6					5A Total Technical Elements (/I and SD collection)	*****
		\$/LF	\$200						
		\$	\$3,168,000						
		Storm Gravity Collection System (NB04) length (ft)	26,000	Inflow Repairs	\$215,000	Infiltration Repairs	\$7,800,000	5A Total Technical Elements (/I only)	*****
		diameter (in)	6					5A Total Technical Elements (/I and SD collection)	*****
		\$/LF	\$200						
		\$	\$5,200,000						
		Storm Gravity Collection System (NB05) length (ft)	18,000	Inflow Repairs	\$148,000	Infiltration Repairs	\$5,390,000	5A Total Technical Elements (/I only)	*****
		diameter (in)	6					5A Total Technical Elements (/I and SD collection)	*****
		\$/LF	\$200						
		\$	\$3,600,000						
		Storm Gravity Collection System (Totals) length (ft)	68,840	Inflow Repairs	\$769,000	Infiltration Repairs	\$27,940,000	5A Total Technical Elements (/I only)	*****
		diameter (in)	6					5A Total Technical Elements (/I and SD collection)	*****
		\$/LF	\$200						
		\$	\$13,768,000						

NORTH BEACH ADDERS

Item	Site Restoration Street (sf) \$/sf \$	Dewatering Mgal TABULA formula	Shoring Area (sf) \$/sf \$	Retaining Walls Height Length \$/sf \$	Utility Relocation # of frontage buildings \$/building \$	Turf fields Area (sf) \$/sf \$	Sports Courts Area (sf) \$/sf \$	Roof Disconnections
1A	0 \$4.50 \$0.00	0.23 \$886,000	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	22,000 \$3 \$66,000	0 \$0 \$0	0
1B	22,000 \$4.50 \$99,000.00	0.23 \$886,000	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	0 \$3 \$0	0 \$0 \$0	0
1C	78,000 \$4.50 \$351,000.00	1.15 \$971,396 13,600 \$87 \$1,183,200 Total \$2,154,596	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	0 \$3 \$0	0 \$17 \$0	0
1D	78,000 \$4.50 \$351,000.00	1.15 \$971,396 13,600 \$87 \$1,183,200 Total \$2,154,596	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	0 \$3 \$0	0 \$17 \$0	0
2A	0 \$4.50 \$0.00	2.00 \$1,052,280 6,500 \$100 \$650,000 Total \$1,703,280	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	11,000 \$3 \$33,000	0 \$0 \$0	0
2B	48,000 \$4.50 \$216,000.00	2.00 \$1,052,280 12,000 \$87 \$1,044,000 Total \$2,096,280	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$0 \$0	11,000 \$3 \$33,000	0 \$0 \$0	0
3A	0 \$4.50 \$0.00	1.00 \$957,320 Total \$957,320	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	44,000 \$3 \$132,000	0 \$0 \$0	0
3B	17,000 \$4.50 \$76,500.00	2.00 \$1,052,280 4,000 \$87 \$348,000 Total \$1,400,280	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	54,000 \$3 \$162,000	0 \$0 \$0	0
5A w/SD		Dewatering (Storage Tank) Mgal TABULA formula 0.045 \$869,098						
5A w/SD NB03	316,800 \$4.50 \$1,425,600	15,840 \$87 \$1,378,080 Total \$0	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	0 \$3 \$0	0 \$0 \$0	See North Beach I/1 PM
5A w/SD NB01	180,000 \$4.50 \$810,000	9,000 \$87 \$783,000 Total \$0	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	0 \$3 \$0	0 \$0 \$0	See North Beach I/1 PM
5A w/SD NB04	520,000 \$4.50 \$2,340,000	26,000 \$87 \$2,262,000 Total \$0	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	0 \$3 \$0	0 \$0 \$0	See North Beach I/1 PM
5A w/SD NB05	360,000 \$4.50 \$1,620,000	18,000 \$87 \$1,566,000 Total \$0	0 \$17.00 \$0.00	0 0 \$185 \$0	0 \$15,000 \$0	0 \$3 \$0	0 \$0 \$0	See North Beach I/1 PM

Alternative	Site Restoration	Dewatering	Odor Control and Electrical	Submersible Pump Station	Shoring	Retaining Walls	Site Access Considerations	Land Acquisition	Permits	Utility Relocation	Turf Fields	Sports Courts	Roof Disconnections
1A	None	Tabula formula for Tank	Included in Tank cost	Tabula formula for Tank		None	20% of Technical Element	KC	KC	None	22,000 sf	None	None
1B	22,000 sf	Tabula formula for Storage Pipe	None	Tabula formula for Storage Pipe		None	20% of Technical Element	KC	KC	None	None	None	None
1C-1	78,000 sf	Tabula formual for Tank, FM and PS	Included in Tank cost	Tabula formula for Tank		None	20% of Technical Element	KC	KC	None	None	None	None
1C-2	78,000 sf	Tabula formual for Tank, FM and PS	Included in Tank cost	Tabula formula for Tank		None	20% of Technical Element	KC	KC	None	None	None	None
2A	None	Tabula formula for FM, PS, and HRC	None	None		None	20% of Technical Element	KC	KC	None	11,000 sf	None	None
2B	48,000 sf	Tabula formula for FM, PS, and HRC	None	None		None	20% of Technical Element	KC	KC	None	11,000 sf	None	None
3A	None	Tabula formual for HRC	None	None		None	20% of Technical Element	KC	KC	None	44,000 sf	None	None
3B	17,000 sf	Tabula formula for PS, FM, and HRC	None	None		None	20% of Technical Element	KC	KC	None	54,000 sf	None	None
5A – Inflow and Infiltration	None	None	None	None		None	20% of Technical Element	KC	KC	None	None	None	Yes
5A – Inflow w/SD	1,376,800 sf	Tabula formula	None	None		None	20% of Technical Element	KC	KC	None	None	None	Yes
5A – Inflow and Infiltration w/SD	1,376,800 sf	None	None	None		None	20% of Technical Element	KC	KC	None	None	None	Yes

\$3/sf for turf restoration (Allen)

\$4.50/sf for street restoration (Allen)

Assume 4' wide trench, 6' wide trench for twin forcemanins

Assume 20' wide street replacement

\$185/sf for retaining wall (Shannon and Wilson)

\$17/sf for special shoring (TABULA)

\$17/sf for sports court (Internet research)

\$3,300/roof disconnection

Assume each pump station and HRC adds 1 mgal to dewatering total (TABULA)

WTD Business Case Evaluation Results								
North Beach CSO Life Cycle Cost								
WTD Borrowing Cost as Discount Rate (1)								
Scenario	Lifetime	Initial Capital Outlay	Total Project Life Costs (2)	Total Project Life Benefits	Net Project Life Costs	Average Project Annual Cost	Annual Costs over(under) Status quo	
Status Quo								
"Status Quo"	0	\$0	\$0	\$0	\$0	\$0	\$0	
Alternatives								
"Alt 1A"	20	\$6,890,000	\$7,145,479	\$0	\$7,145,479	\$444,812	\$444,812	
"Alt 1B"	20	\$7,060,000	\$7,315,479	\$0	\$7,315,479	\$455,394	\$455,394	
"Alt 1C"	20	\$30,190,000	\$31,410,309	\$0	\$31,410,309	\$1,955,317	\$1,955,317	
"Alt 1D"	20	\$23,210,000	\$24,499,183	\$0	\$24,499,183	\$1,525,094	\$1,525,094	
"Alt 2A"	20	\$41,650,000	\$43,359,928	\$0	\$43,359,928	\$2,699,190	\$2,254,378	
"Alt 2B"	20	\$46,580,000	\$48,616,185	\$0	\$48,616,185	\$3,026,396	\$2,571,002	
Budget Office Discount Rate (3)								
Scenario	Lifetime	Initial Capital Outlay	Total Project Life Costs (2)	Total Project Life Benefits	Net Project Life Costs	Average Project Annual Cost	Annual Costs over(under) Status quo	
Status Quo								
"Status Quo"	0	\$0	\$0	\$0	\$0	\$0	\$0	
Alternatives								
"Alt 1A"	20	\$6,890,000	\$7,060,798	\$0	\$7,060,798	\$439,540	\$439,540	
"Alt 1B"	20	\$7,060,000	\$7,230,798	\$0	\$7,230,798	\$450,123	\$450,123	
"Alt 1C"	20	\$30,190,000	\$31,005,825	\$0	\$31,005,825	\$1,930,137	\$1,930,137	
"Alt 1D"	20	\$23,210,000	\$24,071,869	\$0	\$24,071,869	\$1,498,493	\$1,498,493	
"Alt 2A"	20	\$41,650,000	\$42,793,154	\$0	\$42,793,154	\$2,663,908	\$2,224,368	
"Alt 2B"	20	\$46,580,000	\$47,941,270	\$0	\$47,941,270	\$2,984,382	\$2,534,259	
		First Year of Construction	2014	Additional inflation rate > 3%		1.00%		

Notes:

- (1) WTD Discount rate based on recent WTD borrowing costs net of 3% annual inflation. 2.18%
 - (2) Costs include risk and uncertainty, if estimated.
 - (3) Discount rate net of inflation, per the King County Budget Office. 7.00%
- The option with the largest net equivalent annualized cost is the financially preferred option.

WTD Business Case Evaluation Results							
North Beach CSO Life Cycle Cost							
WTD Borrowing Cost as Discount Rate (1)							
Scenario	Lifetime	Initial Capital Outlay	Total Project Life Costs (2)	Total Project Life Benefits	Net Project Life Costs	Average Project Annual Cost	Annual Costs over(under) Status quo
Status Quo							
"Status Quo"	0	\$0	\$0	\$0	\$0	\$0	\$0
Alternatives							
"Alt 3A"	20	\$24,110,000	\$25,406,925	\$0	\$25,406,925	\$1,581,601	\$1,581,601
"Alt 3B"	20	\$36,350,000	\$38,074,328	\$0	\$38,074,328	\$2,370,157	\$2,370,157
"Alt 5A"	20	\$7,920,000	\$7,920,000	\$0	\$7,920,000	\$493,026	\$493,026
"Alt 5A w/SD collection"	20	\$17,780,000	\$17,926,649	\$0	\$17,926,649	\$1,115,948	\$1,115,948
Budget Office Discount Rate (3)							
Scenario	Lifetime	Initial Capital Outlay	Total Project Life Costs (2)	Total Project Life Benefits	Net Project Life Costs	Average Project Annual Cost	Annual Costs over(under) Status quo
Status Quo							
"Status Quo"	0	\$0	\$0	\$0	\$0	\$0	\$0
Alternatives							
"Alt 3A"	20	\$24,110,000	\$24,977,046	\$0	\$24,977,046	\$1,554,841	\$1,554,841
"Alt 3B"	20	\$36,350,000	\$37,502,781	\$0	\$37,502,781	\$2,334,578	\$2,334,578
"Alt 5A"	20	\$7,920,000	\$7,920,000	\$0	\$7,920,000	\$493,026	\$493,026
"Alt 5A w/SD collection"	20	\$17,780,000	\$17,878,041	\$0	\$17,878,041	\$1,112,922	\$1,112,922
		First Year of Construction	2014	Additional inflation rate > 3%		1.00%	

Notes:

- (1) WTD Discount rate based on recent WTD borrowing costs net of 3% annual inflation. 2.18%
 - (2) Costs include risk and uncertainty, if estimated.
 - (3) Discount rate net of inflation, per the King County Budget Office. 7.00%
- The option with the largest net equivalent annualized cost is the financially preferred option.

**WTD Business Case Evaluation Results: Finance Cost Sensitivity
North Beach CSO Life Cycle Cost**

WTD Borrowing Cost as Discount Rate (2)

Scenario	Lifetime	Initial Capital Outlay	Total Project Life Costs (3)	Total Project Life Benefits	Net Project Life Costs	Average Project Annual Cost	Annual Costs over(under) Status quo
Status Quo							
"Status Quo"	0	\$0	\$0	\$0	\$0	\$0	
Alternatives							
"Alt 1A"	20	\$6,890,000	\$7,433,789	\$0	\$7,433,789	\$462,759	\$462,759
"Alt 1B"	20	\$7,060,000	\$7,610,902	\$0	\$7,610,902	\$473,785	\$473,785
"Alt 1C"	20	\$30,190,000	\$32,673,600	\$0	\$32,673,600	\$2,033,958	\$2,033,958
"Alt 1D"	20	\$23,210,000	\$25,470,397	\$0	\$25,470,397	\$1,585,552	\$1,585,552
"Alt 2A"	20	\$41,650,000	\$45,102,758	\$0	\$45,102,758	\$2,807,682	\$2,344,923
"Alt 2B"	20	\$46,580,000	\$50,565,309	\$0	\$50,565,309	\$3,147,731	\$2,673,946

Budget Office Discount Rate (4)

Scenario	Lifetime	Initial Capital Outlay	Total Project Life Costs (3)	Total Project Life Benefits	Net Project Life Costs	Average Project Annual Cost	Annual Costs over(under) Status quo
Status Quo							
"Status Quo"	0	\$0	\$0	\$0	\$0	\$0	
Alternatives							
"Alt 1A"	20	\$6,890,000	\$5,170,525	\$0	\$5,170,525	\$321,869	\$321,869
"Alt 1B"	20	\$7,060,000	\$5,293,885	\$0	\$5,293,885	\$329,549	\$329,549
"Alt 1C"	20	\$30,190,000	\$22,723,193	\$0	\$22,723,193	\$1,414,537	\$1,414,537
"Alt 1D"	20	\$23,210,000	\$17,704,201	\$0	\$17,704,201	\$1,102,101	\$1,102,101
"Alt 2A"	20	\$41,650,000	\$31,366,469	\$0	\$31,366,469	\$1,952,588	\$1,630,718
"Alt 2B"	20	\$46,580,000	\$35,162,038	\$0	\$35,162,038	\$2,188,865	\$1,859,316

First Year of Construction	2014	Additional inflation rate > 3%	1.00%
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Notes:

- (1) Includes debt service and debt issuance costs, as appropriate. Assumes 100% debt financing. 2.18%
 - (2) WTD Discount rate based on recent WTD borrowing costs net of 3% annual inflation.
 - (3) Costs include risk and uncertainty, if estimated. 7.00%
 - (4) Discount rate net of inflation, per the King County Budget Office.
- The option with the largest net equivalent annualized cost is the financially preferred option.

**WTD Business Case Evaluation Results: Finance Cost Sensitivity
North Beach CSO Life Cycle Cost**

WTD Borrowing Cost as Discount Rate (2)

Scenario	Lifetime	Initial Capital Outlay	Total Project Life Costs (3)	Total Project Life Benefits	Net Project Life Costs	Average Project Annual Cost	Annual Costs over(under) Status quo
Status Quo							
"Status Quo"	0	\$0	\$0	\$0	\$0	\$0	
Alternatives							
"Alt 3A"	20	\$24,110,000	\$26,415,800	\$0	\$26,415,800	\$1,644,405	\$1,644,405
"Alt 3B"	20	\$36,350,000	\$39,595,382	\$0	\$39,595,382	\$2,464,844	\$2,464,844
"Alt 5A"	20	\$7,920,000	\$8,251,410	\$0	\$8,251,410	\$513,657	\$513,657
"Alt 5A w/SD collection"	20	\$17,780,000	\$18,670,647	\$0	\$18,670,647	\$1,162,263	\$1,162,263

Budget Office Discount Rate (4)

Scenario	Lifetime	Initial Capital Outlay	Total Project Life Costs (3)	Total Project Life Benefits	Net Project Life Costs	Average Project Annual Cost	Annual Costs over(under) Status quo
Status Quo							
"Status Quo"	0	\$0	\$0	\$0	\$0	\$0	
Alternatives							
"Alt 3A"	20	\$24,110,000	\$18,362,462	\$0	\$18,362,462	\$1,143,078	\$1,143,078
"Alt 3B"	20	\$36,350,000	\$27,530,152	\$0	\$27,530,152	\$1,713,774	\$1,713,774
"Alt 5A"	20	\$7,920,000	\$5,747,146	\$0	\$5,747,146	\$357,764	\$357,764
"Alt 5A w/SD collection"	20	\$17,780,000	\$13,000,094	\$0	\$13,000,094	\$809,266	\$809,266

First Year of Construction	2014	Additional inflation rate > 3%	1.00%
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Notes:

- (1) Includes debt service and debt issuance costs, as appropriate. Assumes 100% debt financing. 2.18%
 - (2) WTD Discount rate based on recent WTD borrowing costs net of 3% annual inflation.
 - (3) Costs include risk and uncertainty, if estimated. 7.00%
 - (4) Discount rate net of inflation, per the King County Budget Office.
- The option with the largest net equivalent annualized cost is the financially preferred option.

PLTA		
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Lifetime (in years) -->
 First year of O&M costs -->
 Electricity Supplier (SCL or PSE) -->
 Off-site "Plant" or "Off-Site" -->

2015
 SCL
 Off-site
 All project costs through

Please provide the appropriate information in the shaded areas

See instructions below

Current year (from Results summary sheet)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$6,903,639	\$13,775	\$13,913	\$14,052	\$14,192	\$14,334	\$14,476	\$14,622	\$14,769	\$14,916	\$15,065	\$15,216	\$15,368	\$15,522	\$15,677	\$15,834	\$15,992	\$16,152	\$16,314	\$16,477	\$16,642	\$16,808	\$16,976	\$17,144
Asset-related and O&M	\$580,347	\$442,683	\$442,821	\$442,960	\$443,100	\$443,242	\$443,386	\$443,530	\$443,677	\$443,824	\$443,973	\$444,124	\$444,276	\$444,430	\$444,585	\$444,742	\$444,900	\$445,060	\$445,222	\$445,385	\$445,548	\$445,713	\$445,879	\$446,046
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Capital outlays	\$6,890,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Asset issuance	\$137,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Asset service	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908	\$428,908

Energy use	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Electricity	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Electricity Use kwh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Labor	\$13,639	\$13,775	\$13,913	\$14,052	\$14,192	\$14,334	\$14,476	\$14,622	\$14,769	\$14,916	\$15,065	\$15,216	\$15,368	\$15,522	\$15,677	\$15,834	\$15,992	\$16,152	\$16,314	\$16,477	\$16,642	\$16,808	\$16,976	\$17,144
Labor Hours	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276

Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of benefits 1, 2, etc.

UNCERTAINTIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of uncertainties 1, 2, etc.

SKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of risks 1, 2, etc.

11 1A"

lifetime (in years) -->
start year of O&M costs -->
electricity Supplier (SCL or PSE) -->
direction "Plant" or "Off-Site" -->

Current year (from Results summary sheet)	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$17,317	\$17,490	\$17,665	\$17,842	\$18,020	\$18,201	\$18,383	\$18,567	\$18,752	\$18,940	\$19,129	\$19,320	\$19,514	\$19,709	\$19,906	\$20,105	\$20,306	\$20,509	\$20,714	\$20,921	\$21,130	\$21,342	\$21,555	\$21,771	\$21,988	\$22,208	\$22,430	\$22,655	\$22,881	\$23,110
Asset-related and O&M	\$17,317	\$17,490	\$17,665	\$17,842	\$18,020	\$18,201	\$18,383	\$18,567	\$18,752	\$18,940	\$19,129	\$19,320	\$19,514	\$19,709	\$19,906	\$20,105	\$20,306	\$20,509	\$20,714	\$20,921	\$21,130	\$21,342	\$21,555	\$21,771	\$21,988	\$22,208	\$22,430	\$22,655	\$22,881	\$23,110
SKS (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

Capital outlays	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Asset issuance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Asset service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Energy use	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Electricity Use kwh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	

Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Labor	\$17,317	\$17,490	\$17,665	\$17,842	\$18,020	\$18,201	\$18,383	\$18,567	\$18,752	\$18,940	\$19,129	\$19,320	\$19,514	\$19,709	\$19,906	\$20,105	\$20,306	\$20,509	\$20,714	\$20,921	\$21,130	\$21,342	\$21,555	\$21,771	\$21,988	\$22,208	\$22,430	\$22,655	\$22,881	\$23,110
Labor Hours	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	

Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of benefits 1, 2, etc."

UNCERTAINTIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of uncertainties 1, 2, etc."

SKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of risks 1, 2, etc."

11 1B"		
est time (in years) -->	20	Please provide
irst year of O&M costs -->	2015	the appropriate
lectricity Supplier (SCL or PSE) -->	SCL	information in the
location "Plant" or "Off-Site" -->	Off-Site	shaded areas

See instructions below

Current year (from Results summary sheet)	All project costs through																							
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$7,073,639	\$13,775	\$13,913	\$14,052	\$14,192	\$14,334	\$14,478	\$14,622	\$14,769	\$14,916	\$15,065	\$15,216	\$15,368	\$15,522	\$15,677	\$15,834	\$15,992	\$16,152	\$16,314	\$16,477	\$16,642	\$16,808	\$16,976	\$17,146
Plant-related and O&M	\$594,329	\$453,266	\$453,403	\$453,542	\$453,683	\$453,825	\$453,968	\$454,113	\$454,259	\$454,407	\$454,556	\$454,707	\$454,859	\$455,013	\$455,168	\$455,325	\$455,483	\$455,643	\$455,804	\$455,967	\$16,642	\$16,808	\$16,976	\$17,146
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays	\$7,060,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plant issuance	\$141,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Plant service	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491	\$439,491
Total Energy use																								
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Electricity Use kwh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$13,639	\$13,775	\$13,913	\$14,052	\$14,192	\$14,334	\$14,478	\$14,622	\$14,769	\$14,916	\$15,065	\$15,216	\$15,368	\$15,522	\$15,677	\$15,834	\$15,992	\$16,152	\$16,314	\$16,477	\$16,642	\$16,808	\$16,976	\$17,146
Labor Hours	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276

Benefits	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Additional description of benefits 1, 2, etc."																								

UNCERTAINTIES	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Additional description of uncertainties 1, 2, etc."																								

SKS	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Additional description of risks 1, 2, etc."																								

IL 1B
 Lifetime (in years) -->
 Start year of O&M costs -->
 Electricity Supplier (SCL or PSE) -->
 Site "Plant" or "Off-Site" -->

Start year (from Results summary sheet)	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$17,317	\$17,490	\$17,665	\$17,842	\$18,020	\$18,201	\$18,383	\$18,567	\$18,752	\$18,940	\$19,129	\$19,320	\$19,514	\$19,709	\$19,906	\$20,105	\$20,306	\$20,509	\$20,714	\$20,921	\$21,130	\$21,342	\$21,555	\$21,771	\$21,988	\$22,208	\$22,430	\$22,655	\$22,881	\$23,110
Plant-related and O&M	\$17,317	\$17,490	\$17,665	\$17,842	\$18,020	\$18,201	\$18,383	\$18,567	\$18,752	\$18,940	\$19,129	\$19,320	\$19,514	\$19,709	\$19,906	\$20,105	\$20,306	\$20,509	\$20,714	\$20,921	\$21,130	\$21,342	\$21,555	\$21,771	\$21,988	\$22,208	\$22,430	\$22,655	\$22,881	\$23,110
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
- Debt issuance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
- Debt service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
- Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Energy use	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
- Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
- therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Electricity	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
- Electricity Use kwh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
- Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
- Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$17,317	\$17,490	\$17,665	\$17,842	\$18,020	\$18,201	\$18,383	\$18,567	\$18,752	\$18,940	\$19,129	\$19,320	\$19,514	\$19,709	\$19,906	\$20,105	\$20,306	\$20,509	\$20,714	\$20,921	\$21,130	\$21,342	\$21,555	\$21,771	\$21,988	\$22,208	\$22,430	\$22,655	\$22,881	\$23,110
- Labor Hours	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276	276

Benefits	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Additional description of benefits 1, 2, etc."																																

Uncertainties	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Additional description of uncertainties 1, 2, etc."																																

Risks	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Additional description of risks 1, 2, etc."																																

It 1C"

etime (In years) ->
 rst year of O&M costs ->
 icticity Supplier (SCL or PSE) ->
 d "Plant" or "Off-Site" ->

20
 2015
 SCL
 Off-Site

Please provide
 the appropriate
 information in the
 shaded areas

See instructions below

urrent year (from Results summary sheet)	All projects costs through																								
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$30,255,146	\$65,797	\$66,455	\$67,120	\$67,791	\$68,469	\$69,154	\$69,845	\$70,544	\$71,249	\$71,961	\$72,681	\$73,408	\$74,142	\$74,883	\$75,632	\$76,389	\$77,152	\$77,924	\$78,703	\$79,490	\$80,285	\$81,088	\$81,899	\$82,718
Sub-related and O&M	\$2,548,297	\$1,945,149	\$1,945,807	\$1,946,471	\$1,947,142	\$1,947,820	\$1,948,505	\$1,949,197	\$1,949,895	\$1,950,600	\$1,951,313	\$1,952,033	\$1,952,759	\$1,953,493	\$1,954,235	\$1,954,984	\$1,955,740	\$1,956,504	\$1,957,275	\$1,958,055	\$1,958,840	\$1,959,630	\$1,960,425	\$1,961,225	\$1,962,030
SKS (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays	\$30,190,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equity issuance	\$603,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Equity service	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351	\$1,879,351
Debt service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Energy use	\$21,710	\$21,927	\$22,146	\$22,368	\$22,592	\$22,817	\$23,046	\$23,276	\$23,509	\$23,744	\$23,981	\$24,221	\$24,463	\$24,708	\$24,955	\$25,205	\$25,457	\$25,711	\$25,968	\$26,228	\$26,490	\$26,755	\$27,023	\$27,293	\$27,566
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$21,710	\$21,927	\$22,146	\$22,368	\$22,592	\$22,817	\$23,046	\$23,276	\$23,509	\$23,744	\$23,981	\$24,221	\$24,463	\$24,708	\$24,955	\$25,205	\$25,457	\$25,711	\$25,968	\$26,228	\$26,490	\$26,755	\$27,023	\$27,293	\$27,566
Electricity Use kwh	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Through costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$43,436	\$43,870	\$44,309	\$44,752	\$45,199	\$45,651	\$46,108	\$46,569	\$47,035	\$47,505	\$47,980	\$48,460	\$48,945	\$49,434	\$49,928	\$50,428	\$50,932	\$51,441	\$51,956	\$52,475	\$53,000	\$53,530	\$54,065	\$54,606	\$55,152
Labor Hours	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879

Benefits

\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of benefits 1, 2, etc."

UNCERTAINTIES

\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of uncertainties 1, 2, etc."

SKS

\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of risks 1, 2, etc."

It 1C"
 fetime (in years) -->
 rst year of O&M costs -->
 ectricity Supplier (SCL or PSE) -->
 d: "Plant" or "Off-Site" -->

urrent year (from Results summary sheet)	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$83,545	\$84,380	\$85,224	\$86,077	\$86,937	\$87,807	\$88,685	\$89,572	\$90,467	\$91,372	\$92,286	\$93,209	\$94,141	\$95,082	\$96,033	\$96,993	\$97,963	\$98,943	\$99,932	\$100,932	\$101,941	\$102,960	\$103,990	\$105,030	\$106,080	\$107,141	\$108,212	\$109,294	\$110,387
Asset-related and O&M	\$83,545	\$84,380	\$85,224	\$86,077	\$86,937	\$87,807	\$88,685	\$89,572	\$90,467	\$91,372	\$92,286	\$93,209	\$94,141	\$95,082	\$96,033	\$96,993	\$97,963	\$98,943	\$99,932	\$100,932	\$101,941	\$102,960	\$103,990	\$105,030	\$106,080	\$107,141	\$108,212	\$109,294	\$110,387
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Capital outlays	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

total Energy use	\$27,842	\$28,120	\$28,401	\$28,685	\$28,972	\$29,262	\$29,554	\$29,850	\$30,148	\$30,450	\$30,754	\$31,062	\$31,373	\$31,686	\$32,003	\$32,323	\$32,646	\$32,973	\$33,303	\$33,636	\$33,972	\$34,312	\$34,655	\$35,001	\$35,351	\$35,705	\$36,062	\$36,423	\$36,787
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$27,842	\$28,120	\$28,401	\$28,685	\$28,972	\$29,262	\$29,554	\$29,850	\$30,148	\$30,450	\$30,754	\$31,062	\$31,373	\$31,686	\$32,003	\$32,323	\$32,646	\$32,973	\$33,303	\$33,636	\$33,972	\$34,312	\$34,655	\$35,001	\$35,351	\$35,705	\$36,062	\$36,423	\$36,787
Electricity Use kwh	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
------------------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Lab.	\$55,703	\$56,260	\$56,823	\$57,391	\$57,965	\$58,545	\$59,130	\$59,722	\$60,319	\$60,922	\$61,531	\$62,147	\$62,768	\$63,396	\$64,030	\$64,670	\$65,317	\$65,970	\$66,630	\$67,296	\$67,969	\$68,648	\$69,335	\$70,028	\$70,729	\$71,436	\$72,150	\$72,872	\$73,600
Labor Hours	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879	879

Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of benefits 1, 2, etc."

UNCERTAINTIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of uncertainties 1, 2, etc."

SKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of risks 1, 2, etc."

Describe Alternate 1D:-->	Centralized Storage at Bottom of Basin w/ Conveyance to 8th Ave Interceptor	
"Alt 1D"	-	
Lifetime (in years)-->	20	Please provide See instructions below
First year of O&M costs -->	2015	the appropriate
Electricity Supplier (SCL or PSE) -->	SCL	information in the
Indicate "Plant" or "Off-Site" -->	Off-Site	shaded areas

	All projects costs through																								
Current year (from Results summary sheet)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$23,278,822	\$69,510	\$70,205	\$70,907	\$71,616	\$72,332	\$73,056	\$73,786	\$74,524	\$75,269	\$76,022	\$76,782	\$77,550	\$78,326	\$79,109	\$79,900	\$80,699	\$81,506	\$82,321	\$83,144	\$83,976	\$84,816	\$85,664	\$86,520	\$87,385
Debt-related and O&M	\$1,977,863	\$1,514,351	\$1,515,046	\$1,515,748	\$1,516,457	\$1,517,173	\$1,517,897	\$1,518,627	\$1,519,365	\$1,520,110	\$1,520,863	\$1,521,623	\$1,522,391	\$1,523,167	\$1,523,950	\$1,524,741	\$1,525,540	\$1,526,347	\$1,527,162	\$1,527,985	\$83,976	\$84,816	\$85,664	\$86,520	\$87,385
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays	\$23,210,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$464,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841	\$1,444,841
Total Energy use	\$15,898	\$16,057	\$16,218	\$16,380	\$16,544	\$16,709	\$16,876	\$17,045	\$17,216	\$17,388	\$17,562	\$17,737	\$17,915	\$18,094	\$18,275	\$18,458	\$18,642	\$18,829	\$19,017	\$19,207	\$19,399	\$19,593	\$19,789	\$19,987	\$20,187
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$15,898	\$16,057	\$16,218	\$16,380	\$16,544	\$16,709	\$16,876	\$17,045	\$17,216	\$17,388	\$17,562	\$17,737	\$17,915	\$18,094	\$18,275	\$18,458	\$18,642	\$18,829	\$19,017	\$19,207	\$19,399	\$19,593	\$19,789	\$19,987	\$20,187
Electricity Use kwh	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$52,923	\$53,453	\$53,987	\$54,527	\$55,072	\$55,623	\$56,179	\$56,741	\$57,309	\$57,882	\$58,460	\$59,045	\$59,635	\$60,232	\$60,834	\$61,442	\$62,057	\$62,677	\$63,304	\$63,937	\$64,577	\$65,222	\$65,875	\$66,533	\$67,199
Labor Hours	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071
Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of benefits 1, 2, etc."

UNCERTAINTIES																									
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of uncertainties 1, 2, etc."

RISKS																									
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of risks 1, 2, etc."

Describe Alternate 1D:-->

"Alt 1D"
Lifetime (in years)-->
First year of O&M costs -->
Electricity Supplier (SCL or PSE) -->
Indicate "Plant" or "Off-Site" -->

Current year (from Results summary sheet)	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$88,259	\$89,142	\$90,033	\$90,934	\$91,843	\$92,761	\$93,689	\$94,626	\$95,572	\$96,528	\$97,493	\$98,468	\$99,453	\$100,447	\$101,452	\$102,466	\$103,491	\$104,526	\$105,571	\$106,627	\$107,693	\$108,770	\$109,858	\$110,956	\$112,066	\$113,187	\$114,318	\$115,462	\$116,616
Debt-related and O&M	\$88,259	\$89,142	\$90,033	\$90,934	\$91,843	\$92,761	\$93,689	\$94,626	\$95,572	\$96,528	\$97,493	\$98,468	\$99,453	\$100,447	\$101,452	\$102,466	\$103,491	\$104,526	\$105,571	\$106,627	\$107,693	\$108,770	\$109,858	\$110,956	\$112,066	\$113,187	\$114,318	\$115,462	\$116,616
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Energy use	\$20,389	\$20,593	\$20,798	\$21,006	\$21,216	\$21,429	\$21,643	\$21,859	\$22,078	\$22,299	\$22,522	\$22,747	\$22,974	\$23,204	\$23,436	\$23,671	\$23,907	\$24,146	\$24,388	\$24,632	\$24,878	\$25,127	\$25,378	\$25,632	\$25,888	\$26,147	\$26,408	\$26,673	\$26,939
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$20,389	\$20,593	\$20,798	\$21,006	\$21,216	\$21,429	\$21,643	\$21,859	\$22,078	\$22,299	\$22,522	\$22,747	\$22,974	\$23,204	\$23,436	\$23,671	\$23,907	\$24,146	\$24,388	\$24,632	\$24,878	\$25,127	\$25,378	\$25,632	\$25,888	\$26,147	\$26,408	\$26,673	\$26,939
Electricity Use kwh	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000	238000
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$67,871	\$68,549	\$69,235	\$69,927	\$70,627	\$71,333	\$72,046	\$72,767	\$73,494	\$74,229	\$74,972	\$75,721	\$76,478	\$77,243	\$78,016	\$78,796	\$79,584	\$80,380	\$81,183	\$81,995	\$82,815	\$83,643	\$84,480	\$85,325	\$86,178	\$87,040	\$87,910	\$88,789	\$89,677
Labor Hours	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071
Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of benefits 1, 2, etc."																													
UNCERTAINTIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of uncertainties 1, 2, etc."																													
RISKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of risks 1, 2, etc."																													

Describe Alternate 2A:-->

Conveyance to Carkeek CSO TP with Beach Alignment of Pipeline
 - -
 - -
 - -

"Alt 2A"
 Lifetime (in years)-->
 First year of O&M costs -->
 Electricity Supplier (SCL or PSE) -->
 Indicate "Plant" or "Off-Site" -->

20 Please provide See instructions below
 2015 the appropriate
 SCL information in the
 Off-Site shaded areas

All projects costs through

Current year (from Results summary sheet)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$41,741,267	\$92,179	\$93,101	\$94,032	\$94,972	\$95,922	\$96,881	\$97,850	\$98,829	\$99,817	\$100,815	\$101,823	\$102,841	\$103,870	\$104,909	\$105,958	\$107,017	\$108,087	\$109,168	\$110,260	\$111,363	\$112,476	\$113,601	\$114,737	\$115,884
Debt-related and O&M	\$3,517,012	\$2,684,925	\$2,685,847	\$2,686,778	\$2,687,718	\$2,688,668	\$2,689,627	\$2,690,596	\$2,691,574	\$2,692,562	\$2,693,561	\$2,694,569	\$2,695,587	\$2,696,615	\$2,697,654	\$2,698,703	\$2,699,763	\$2,700,833	\$2,701,914	\$2,703,006	\$111,363	\$112,476	\$113,601	\$114,737	\$115,884
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Capital outlays	\$41,650,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$833,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746	\$2,592,746

Total Energy use	\$7,014	\$7,084	\$7,155	\$7,227	\$7,299	\$7,372	\$7,446	\$7,520	\$7,595	\$7,671	\$7,748	\$7,825	\$7,904	\$7,983	\$8,062	\$8,143	\$8,224	\$8,307	\$8,390	\$8,474	\$8,558	\$8,644	\$8,730	\$8,818	\$8,906
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Electricity	\$7,014	\$7,084	\$7,155	\$7,227	\$7,299	\$7,372	\$7,446	\$7,520	\$7,595	\$7,671	\$7,748	\$7,825	\$7,904	\$7,983	\$8,062	\$8,143	\$8,224	\$8,307	\$8,390	\$8,474	\$8,558	\$8,644	\$8,730	\$8,818	\$8,906
Electricity Use kwh	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
-------------------------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
--------------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

Labor	\$84,253	\$85,095	\$85,946	\$86,806	\$87,674	\$88,550	\$89,436	\$90,330	\$91,233	\$92,146	\$93,067	\$93,998	\$94,938	\$95,887	\$96,846	\$97,815	\$98,793	\$99,781	\$100,778	\$101,786	\$102,804	\$103,832	\$104,871	\$105,919	\$106,978
Labor Hours	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705

Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of benefits 1, 2, etc."

UNCERTAINTIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of uncertainties 1, 2, etc."

RISKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of risks 1, 2, etc."

Describe Alternate 2A:-->

Alt 2A

Lifetime (in years)-->

First year of O&M costs -->

Electricity Supplier (SCL or PSE) -->

Indicate "Plant" or "Off-Site" -->

Current year (from Results summary sheet)	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Capital and O&M	\$117,043	\$118,214	\$119,396	\$120,590	\$121,796	\$123,014	\$124,244	\$125,486	\$126,741	\$128,008	\$129,288	\$130,581	\$131,887	\$133,206	\$134,538	\$135,883	\$137,242	\$138,615	\$140,001	\$141,401	\$142,815	\$144,243	\$145,685	\$147,142	\$148,614	\$150,100	\$151,601	\$153,117	\$154,648
Debt-related and O&M	\$117,043	\$118,214	\$119,396	\$120,590	\$121,796	\$123,014	\$124,244	\$125,486	\$126,741	\$128,008	\$129,288	\$130,581	\$131,887	\$133,206	\$134,538	\$135,883	\$137,242	\$138,615	\$140,001	\$141,401	\$142,815	\$144,243	\$145,685	\$147,142	\$148,614	\$150,100	\$151,601	\$153,117	\$154,648
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Capital outlays	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Debt issuance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Debt service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Total Energy use	\$8,995	\$9,085	\$9,176	\$9,268	\$9,360	\$9,454	\$9,548	\$9,644	\$9,740	\$9,838	\$9,936	\$10,035	\$10,136	\$10,237	\$10,339	\$10,443	\$10,547	\$10,653	\$10,759	\$10,867	\$10,976	\$11,085	\$11,196	\$11,308	\$11,421	\$11,535	\$11,651	\$11,767	\$11,885
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Electricity	\$8,995	\$9,085	\$9,176	\$9,268	\$9,360	\$9,454	\$9,548	\$9,644	\$9,740	\$9,838	\$9,936	\$10,035	\$10,136	\$10,237	\$10,339	\$10,443	\$10,547	\$10,653	\$10,759	\$10,867	\$10,976	\$11,085	\$11,196	\$11,308	\$11,421	\$11,535	\$11,651	\$11,767	\$11,885
Electricity Use kwh	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	105000	
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Labor	\$108,048	\$109,129	\$110,220	\$111,322	\$112,435	\$113,560	\$114,695	\$115,842	\$117,001	\$118,171	\$119,352	\$120,546	\$121,751	\$122,969	\$124,199	\$125,441	\$126,695	\$127,962	\$129,242	\$130,534	\$131,839	\$133,158	\$134,489	\$135,834	\$137,193	\$138,564	\$139,950	\$141,350	\$142,763
Labor Hours	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	1705	
Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
"Additional description of benefits 1, 2, etc."																													
UNCERTAINTIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
"Additional description of uncertainties 1, 2, etc."																													
RISKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
"Additional description of risks 1, 2, etc."																													

Describe Alternate 2B:-->

Conveyance to Carkeek CSO TP w/ Neighborhood Alignment of Pipeline
 "Alt 2B"

Lifetime (in years)-->

20

Please provide

See instructions below

First year of O&M costs -->

2015

the appropriate

Electricity Supplier (SCL or PSE) -->

SCL

information in the

Indicate "Plant" or "Off-Site" -->

Off-Site

shaded areas

Current year (from Results summary sheet)

All projects costs through

Total Benefits (from below)

Capital and O&M

Debt-related and O&M

Risk (from below)

Uncertainty (from below)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$46,688,680	\$109,767	\$110,865	\$111,974	\$113,093	\$114,224	\$115,366	\$116,520	\$117,685	\$118,862	\$120,051	\$121,251	\$122,464	\$123,688	\$124,925	\$126,175	\$127,436	\$128,711	\$129,998	\$131,298	\$132,611	\$133,937	\$135,276
Debt-related and O&M	\$3,939,922	\$3,009,409	\$3,010,507	\$3,011,616	\$3,012,735	\$3,013,866	\$3,015,008	\$3,016,162	\$3,017,327	\$3,018,504	\$3,019,693	\$3,020,893	\$3,022,106	\$3,023,330	\$3,024,567	\$3,025,817	\$3,027,078	\$3,028,353	\$3,029,640	\$3,030,940	\$132,611	\$133,937	\$135,276
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Capital outlays

Debt issuance

Debt service

Capital outlays	\$46,580,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$931,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642	\$2,899,642

Total Energy use

Natural Gas
therms

Total Energy use	\$21,710	\$21,927	\$22,146	\$22,368	\$22,592	\$22,817	\$23,046	\$23,276	\$23,509	\$23,744	\$23,981	\$24,221	\$24,463	\$24,708	\$24,955	\$25,205	\$25,457	\$25,711	\$25,968	\$26,228	\$26,490	\$26,755	\$27,023
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Electricity
Electricity Use kwh
Demand kW or kVa

Electricity	\$21,710	\$21,927	\$22,146	\$22,368	\$22,592	\$22,817	\$23,046	\$23,276	\$23,509	\$23,744	\$23,981	\$24,221	\$24,463	\$24,708	\$24,955	\$25,205	\$25,457	\$25,711	\$25,968	\$26,228	\$26,490	\$26,755	\$27,023
Electricity Use kwh	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Chemical spending

Sodium hypochlorite required In gal.

Bisulfide required In gal.

Other chemical costs - enter \$

Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required In gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required In gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Materials and Supplies

Other Costs

Labor

Labor Hours

Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$86,970	\$87,840	\$88,718	\$89,606	\$90,502	\$91,407	\$92,321	\$93,244	\$94,176	\$95,118	\$96,069	\$97,030	\$98,000	\$98,980	\$99,970	\$100,970	\$101,980	\$102,999	\$104,029	\$105,070	\$106,120	\$107,182	\$108,253
Labor Hours	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760

Benefits

1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of benefits 1, 2, etc."

UNCERTAINTIES

1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of uncertainties 1, 2, etc."

RISKS

1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of risks 1, 2, etc."

Describe Alternate 2B:-->

Alt 2B
Lifetime (in years)-->
First year of O&M costs -->
Electricity Supplier (SCL or PSE) -->
Indicate "Plant" or "Off-Site" -->

Current year (from Results summary sheet)	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$136,629	\$137,995	\$139,375	\$140,769	\$142,177	\$143,598	\$145,034	\$146,485	\$147,950	\$149,429	\$150,923	\$152,433	\$153,957	\$155,497	\$157,051	\$158,622	\$160,208	\$161,810	\$163,428	\$165,063	\$166,713	\$168,380	\$170,064	\$171,765	\$173,483	\$175,217
Debt-related and O&M	\$136,629	\$137,995	\$139,375	\$140,769	\$142,177	\$143,598	\$145,034	\$146,485	\$147,950	\$149,429	\$150,923	\$152,433	\$153,957	\$155,497	\$157,051	\$158,622	\$160,208	\$161,810	\$163,428	\$165,063	\$166,713	\$168,380	\$170,064	\$171,765	\$173,483	\$175,217
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Energy use	\$27,293	\$27,566	\$27,842	\$28,120	\$28,401	\$28,685	\$28,972	\$29,262	\$29,554	\$29,850	\$30,148	\$30,450	\$30,754	\$31,062	\$31,373	\$31,686	\$32,003	\$32,323	\$32,646	\$32,973	\$33,303	\$33,636	\$33,972	\$34,312	\$34,655	\$35,001
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$27,293	\$27,566	\$27,842	\$28,120	\$28,401	\$28,685	\$28,972	\$29,262	\$29,554	\$29,850	\$30,148	\$30,450	\$30,754	\$31,062	\$31,373	\$31,686	\$32,003	\$32,323	\$32,646	\$32,973	\$33,303	\$33,636	\$33,972	\$34,312	\$34,655	\$35,001
Electricity Use kwh	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000	325000
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$109,336	\$110,429	\$111,534	\$112,648	\$113,775	\$114,913	\$116,062	\$117,223	\$118,395	\$119,579	\$120,775	\$121,983	\$123,202	\$124,435	\$125,679	\$126,936	\$128,205	\$129,487	\$130,782	\$132,090	\$133,411	\$134,745	\$136,092	\$137,453	\$138,828	\$140,216
Labor Hours	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760	1760
Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of benefits 1, 2, etc."

UNCERTAINTIES	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of uncertainties 1, 2, etc."

RISKS	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of risks 1, 2, etc."

Describe Alternate # 3A: -->

All 3A

Lifetime (in years) --> 20
 First year of O&M costs --> 2015
 Electricity Supplier (SCL or PSE) --> SCL
 Indicate "Plant" or "Off-Site" --> Off-Site

Bottom of Basin Treatment Facility
 See instructions below

All projects costs through		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Current year (from Results summary sheet)																											
Total Benefits (from below)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M		\$24,179,223	\$69,915	\$70,614	\$71,320	\$72,033	\$72,754	\$73,481	\$74,216	\$74,958	\$75,708	\$76,465	\$77,230	\$78,002	\$78,782	\$79,570	\$80,365	\$81,169	\$81,981	\$82,801	\$83,628	\$84,465	\$85,310	\$86,163	\$87,024	\$87,895	\$88,773
Debt-related and O&M		\$2,052,289	\$1,570,782	\$1,571,481	\$1,572,187	\$1,572,900	\$1,573,620	\$1,574,348	\$1,575,083	\$1,575,825	\$1,576,575	\$1,577,332	\$1,578,096	\$1,578,869	\$1,579,649	\$1,580,436	\$1,581,232	\$1,582,036	\$1,582,847	\$1,583,667	\$1,584,495	\$84,465	\$85,310	\$86,163	\$87,024	\$87,895	\$88,773
Risk (from below)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays		\$24,110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance		\$482,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service		\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867	\$1,500,867
Total Energy use		\$12,692	\$12,819	\$12,947	\$13,077	\$13,207	\$13,339	\$13,473	\$13,608	\$13,744	\$13,881	\$14,020	\$14,160	\$14,302	\$14,445	\$14,589	\$14,735	\$14,882	\$15,031	\$15,182	\$15,333	\$15,487	\$15,642	\$15,798	\$15,956	\$16,115	\$16,277
Natural Gas		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Electricity		\$12,692	\$12,819	\$12,947	\$13,077	\$13,207	\$13,339	\$13,473	\$13,608	\$13,744	\$13,881	\$14,020	\$14,160	\$14,302	\$14,445	\$14,589	\$14,735	\$14,882	\$15,031	\$15,182	\$15,333	\$15,487	\$15,642	\$15,798	\$15,956	\$16,115	\$16,277
Electricity Use kwh		190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000
Demand kW or kVa		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required In gal.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required In gal.		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor		\$56,531	\$57,096	\$57,667	\$58,244	\$58,826	\$59,414	\$60,009	\$60,609	\$61,215	\$61,827	\$62,445	\$63,070	\$63,700	\$64,337	\$64,981	\$65,630	\$66,287	\$66,950	\$67,619	\$68,295	\$68,978	\$69,668	\$70,365	\$71,068	\$71,779	\$72,497
Labor Hours		1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144
Benefits		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of benefits 1, 2, etc."																											
UNCERTAINTIES		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of uncertainties 1, 2, etc."																											
RISKS		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of risks 1, 2, etc."																											

Describe Alternate # 3A:-->

Alt 3A

Lifetime (in years) -->

First year of O&M costs -->

Electricity Supplier (SCL or PSE) -->

Indicate "Plant" or "Off-Site" -->

Current year (from Results summary sheet)	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$89,661	\$90,558	\$91,463	\$92,378	\$93,302	\$94,235	\$95,177	\$96,129	\$97,090	\$98,061	\$99,042	\$100,032	\$101,032	\$102,043	\$103,063	\$104,094	\$105,135	\$106,186	\$107,248	\$108,321	\$109,404	\$110,498	\$111,603	\$112,719	\$113,846	\$114,984	\$116,134	\$117,296
Debt-related and O&M	\$89,661	\$90,558	\$91,463	\$92,378	\$93,302	\$94,235	\$95,177	\$96,129	\$97,090	\$98,061	\$99,042	\$100,032	\$101,032	\$102,043	\$103,063	\$104,094	\$105,135	\$106,186	\$107,248	\$108,321	\$109,404	\$110,498	\$111,603	\$112,719	\$113,846	\$114,984	\$116,134	\$117,296
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Energy use	\$16,439	\$16,604	\$16,770	\$16,938	\$17,107	\$17,278	\$17,451	\$17,625	\$17,802	\$17,980	\$18,159	\$18,341	\$18,524	\$18,710	\$18,897	\$19,086	\$19,276	\$19,469	\$19,664	\$19,861	\$20,059	\$20,260	\$20,462	\$20,667	\$20,874	\$21,082	\$21,293	\$21,506
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$16,439	\$16,604	\$16,770	\$16,938	\$17,107	\$17,278	\$17,451	\$17,625	\$17,802	\$17,980	\$18,159	\$18,341	\$18,524	\$18,710	\$18,897	\$19,086	\$19,276	\$19,469	\$19,664	\$19,861	\$20,059	\$20,260	\$20,462	\$20,667	\$20,874	\$21,082	\$21,293	\$21,506
Electricity Use kwh	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000	190000
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$73,222	\$73,954	\$74,694	\$75,441	\$76,195	\$76,957	\$77,726	\$78,504	\$79,289	\$80,082	\$80,882	\$81,691	\$82,508	\$83,333	\$84,167	\$85,008	\$85,858	\$86,717	\$87,584	\$88,460	\$89,345	\$90,238	\$91,140	\$92,052	\$92,972	\$93,902	\$94,841	\$95,789
Labor Hours	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144	1144
Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of benefits 1, 2, etc."																												
UNCERTAINTIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of uncertainties 1, 2, etc."																												
RISKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of risks 1, 2, etc."																												

Describe Alternate 3B:--> Centralized Treatment Facility Up in Basin
 * * *
 * * *
 * * *

Lifetime (in years)--> 20
 First year of O&M costs --> 2015
 Electricity Supplier (SCL or PSE) --> SCL
 Indicate "Plant" or "Off-Site" --> Off-Site

Please provide the appropriate information in the shaded areas
 See instructions below

Current year (from Results summary sheet)	All projects costs through																								
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$36,442,035	\$92,956	\$93,885	\$94,824	\$95,772	\$96,730	\$97,697	\$98,674	\$99,661	\$100,656	\$101,664	\$102,681	\$103,708	\$104,745	\$105,792	\$106,850	\$107,918	\$108,998	\$110,088	\$111,189	\$112,300	\$113,423	\$114,558	\$115,703	\$116,860
Debt-related and O&M	\$3,081,852	\$2,355,772	\$2,356,701	\$2,357,640	\$2,358,589	\$2,359,546	\$2,360,514	\$2,361,491	\$2,362,477	\$2,363,474	\$2,364,480	\$2,365,497	\$2,366,524	\$2,367,561	\$2,368,608	\$2,369,666	\$2,370,735	\$2,371,814	\$2,372,904	\$2,374,005	\$112,300	\$113,423	\$114,558	\$115,703	\$116,860
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Capital outlays	\$36,350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$727,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$2,262,816	\$0	\$0	\$0	\$0	\$0

Total Energy use	\$9,018	\$9,108	\$9,199	\$9,291	\$9,384	\$9,478	\$9,573	\$9,669	\$9,765	\$9,863	\$9,961	\$10,061	\$10,162	\$10,263	\$10,366	\$10,470	\$10,574	\$10,680	\$10,787	\$10,895	\$11,004	\$11,114	\$11,225	\$11,337	\$11,450
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$9,018	\$9,108	\$9,199	\$9,291	\$9,384	\$9,478	\$9,573	\$9,669	\$9,765	\$9,863	\$9,961	\$10,061	\$10,162	\$10,263	\$10,366	\$10,470	\$10,574	\$10,680	\$10,787	\$10,895	\$11,004	\$11,114	\$11,225	\$11,337	\$11,450
Electricity Use kwh	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Labor	\$83,017	\$83,847	\$84,686	\$85,533	\$86,388	\$87,252	\$88,124	\$89,006	\$89,896	\$90,795	\$91,703	\$92,620	\$93,546	\$94,481	\$95,426	\$96,380	\$97,344	\$98,318	\$99,301	\$100,294	\$101,297	\$102,310	\$103,333	\$104,366	\$105,410
Labor Hours	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680

Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of benefits 1, 2, etc.

UNCERTAINTIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of uncertainties 1, 2, etc.

RISKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Additional description of risks 1, 2, etc.

Describe Alternate 3B:-->

"All 3B"
 Lifetime (in years)-->
 First year of O&M costs -->
 Electricity Supplier (SCL or PSE) -->
 Indicate "Plant" or "Off-Site" -->

Current year (from Results summary sheet)	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$118,029	\$119,209	\$120,401	\$121,605	\$122,821	\$124,050	\$125,290	\$126,543	\$127,808	\$129,086	\$130,377	\$131,681	\$132,998	\$134,328	\$135,671	\$137,028	\$138,398	\$139,782	\$141,180	\$142,592	\$144,018	\$145,458	\$146,912	\$148,382	\$149,865	\$151,364	\$152,878	\$154,406	\$155,950
Debt-related and O&M	\$118,029	\$119,209	\$120,401	\$121,605	\$122,821	\$124,050	\$125,290	\$126,543	\$127,808	\$129,086	\$130,377	\$131,681	\$132,998	\$134,328	\$135,671	\$137,028	\$138,398	\$139,782	\$141,180	\$142,592	\$144,018	\$145,458	\$146,912	\$148,382	\$149,865	\$151,364	\$152,878	\$154,406	\$155,950
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Energy use	\$11,565	\$11,681	\$11,797	\$11,915	\$12,035	\$12,155	\$12,276	\$12,399	\$12,523	\$12,648	\$12,775	\$12,903	\$13,032	\$13,162	\$13,294	\$13,427	\$13,561	\$13,696	\$13,833	\$13,972	\$14,111	\$14,253	\$14,395	\$14,539	\$14,684	\$14,831	\$14,980	\$15,129	\$15,281
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$11,565	\$11,681	\$11,797	\$11,915	\$12,035	\$12,155	\$12,276	\$12,399	\$12,523	\$12,648	\$12,775	\$12,903	\$13,032	\$13,162	\$13,294	\$13,427	\$13,561	\$13,696	\$13,833	\$13,972	\$14,111	\$14,253	\$14,395	\$14,539	\$14,684	\$14,831	\$14,980	\$15,129	\$15,281
Electricity Use kwh	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000	135000
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$106,464	\$107,529	\$108,604	\$109,690	\$110,787	\$111,895	\$113,014	\$114,144	\$115,285	\$116,438	\$117,602	\$118,778	\$119,966	\$121,166	\$122,378	\$123,601	\$124,837	\$126,086	\$127,347	\$128,620	\$129,906	\$131,205	\$132,517	\$133,842	\$135,181	\$136,533	\$137,898	\$139,277	\$140,670
Labor Hours	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680	1680
Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of benefits 1, 2, etc."																													
UNCERTAINTIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of uncertainties 1, 2, etc."																													
RISKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of risks 1, 2, etc."																													

Describe Alternate 5A: -->	IA Control in NB03	
"Alt 5A"		

Lifetime (in years) -->	20	Please provide	See instructions below
First year of O&M costs -->	2015	the appropriate	
Electricity Supplier (SCL or PSE) -->	SCL	information in the	
Indicate "Plant" or "Off-Site" -->	Off-Site	shaded areas	

Current year (from Results summary sheet)	All projects costs through																									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$7,920,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt-related and O&M	\$651,426	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays	\$7,920,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$158,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	\$493,026	
Total Energy use	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Electricity Use kwh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand kW or kVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Benefits		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	
1.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
"Additional description of benefits 1, 2, etc."																												

UNCERTAINTIES		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	
1.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
"Additional description of uncertainties 1, 2, etc."																												

RISKS		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	
1.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
2.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
4.		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
"Additional description of risks 1, 2, etc."																												

Describe Alternate 5A:-->

Alt 5A
Lifetime (in years)-->
First year of O&M costs -->
Electricity Supplier (SCL or PSE) -->
Indicate "Plant" or "Off-Site" -->

Current year (from Results summary sheet)	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt-related and O&M	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Capital outlays	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Debt issuance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Total Energy use	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Electricity	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Electricity Use kwh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Chemical spending	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Materials and Supplies	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Other Costs	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Labor	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
Labor Hours	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Benefits	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of benefits 1, 2, etc."																												

UNCERTAINTIES	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of uncertainties 1, 2, etc."																												

RISKS	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
"Additional description of risks 1, 2, etc."																												

Describe Alternate 5A w/SD collection:--->

M Control in NB03

Alt 5A w/SD collection*

Lifetime (in years)---> 20 Please provide See instructions below

First year of O&M costs ---> 2015 the appropriate

Electricity Supplier (SCL or PSE) ---> SCL information in the

Indicate "Plant" or "Off-Site" ---> Off-Site shaded areas

Current year (from Results summary sheet)	All projects costs through																									
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital and O&M	\$17,787,827	\$7,906	\$7,985	\$8,065	\$8,145	\$8,227	\$8,309	\$8,392	\$8,476	\$8,561	\$8,646	\$8,733	\$8,820	\$8,908	\$8,997	\$9,087	\$9,178	\$9,270	\$9,363	\$9,456	\$9,551	\$9,646	\$9,743	\$9,840	\$9,939	\$10,038
Debt-related and O&M	\$1,470,246	\$1,114,725	\$1,114,804	\$1,114,884	\$1,114,964	\$1,115,046	\$1,115,128	\$1,115,211	\$1,115,295	\$1,115,380	\$1,115,465	\$1,115,552	\$1,115,639	\$1,115,727	\$1,115,816	\$1,115,906	\$1,115,997	\$1,116,089	\$1,116,182	\$1,116,275	\$9,551	\$9,646	\$9,743	\$9,840	\$9,939	\$10,038
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Capital outlays	\$17,780,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$355,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$1,106,819	\$0	\$0	\$0	\$0	\$0	\$0
Total Energy use																										
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electricity	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Electricity Use kwh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand kW or kVa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Labor	\$7,827	\$7,906	\$7,985	\$8,065	\$8,145	\$8,227	\$8,309	\$8,392	\$8,476	\$8,561	\$8,646	\$8,733	\$8,820	\$8,908	\$8,997	\$9,087	\$9,178	\$9,270	\$9,363	\$9,456	\$9,551	\$9,646	\$9,743	\$9,840	\$9,939	\$10,038
Labor Hours	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4

Benefits

1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of benefits 1, 2, etc."

UNCERTAINTIES

1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of uncertainties 1, 2, etc."

RISKS

1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of risks 1, 2, etc."

Describe Alternate 5A w/SD collection:-->

Alt 5A w/SD collection*
Lifetime (in years)-->
First year of O&M costs -->
Electricity Supplier (SCL or PSE) -->
Indicate "Plant" or "Off-Site" -->

Current year (from Results summary sheet) 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067

Total Benefits (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
Capital and O&M	\$10,138	\$10,240	\$10,342	\$10,446	\$10,550	\$10,656	\$10,762	\$10,870	\$10,978	\$11,088	\$11,199	\$11,311	\$11,424	\$11,538	\$11,654	\$11,770	\$11,888	\$12,007	\$12,127	\$12,248	\$12,371	\$12,494	\$12,619	\$12,746	\$12,873	\$13,002	\$13,132	\$13,263
Debt-related and O&M	\$10,138	\$10,240	\$10,342	\$10,446	\$10,550	\$10,656	\$10,762	\$10,870	\$10,978	\$11,088	\$11,199	\$11,311	\$11,424	\$11,538	\$11,654	\$11,770	\$11,888	\$12,007	\$12,127	\$12,248	\$12,371	\$12,494	\$12,619	\$12,746	\$12,873	\$13,002	\$13,132	\$13,263
Risk (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Uncertainty (from below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Capital outlays	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt issuance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Debt service	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Total Energy use	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Natural Gas	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
therms	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Electricity	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Electricity Use kwh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Demand kW or kVA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total Chemical spending	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Sodium hypochlorite required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bisulfide required in gal.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other chemical costs - enter \$	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Materials and Supplies	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Other Costs	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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Labor	\$10,138	\$10,240	\$10,342	\$10,446	\$10,550	\$10,656	\$10,762	\$10,870	\$10,978	\$11,088	\$11,199	\$11,311	\$11,424	\$11,538	\$11,654	\$11,770	\$11,888	\$12,007	\$12,127	\$12,248	\$12,371	\$12,494	\$12,619	\$12,746	\$12,873	\$13,002	\$13,132	\$13,263
Labor Hours	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4	158.4

Benefits	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of benefits 1, 2, etc."

UNCERTAINTIES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of uncertainties 1, 2, etc."

RISKS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

"Additional description of risks 1, 2, etc."

Alternative	Gravity Sewer/CSO Pipelines ¹	Forcemains/HDD ¹	Diversion Structures ¹	Pump Station ²	CSO Treatment ³	Tunnels ¹	Rectangular Storage Facilities ¹	Offline Storage Pipes ¹
1A			192 mh/yr/structure				365 mh/yr/MG	
1B			192 mh/yr/structure				365 mh/yr/MG	
1C	0.01 mh/yr/LF	0.01 mh/yr/LF	192 mh/yr/structure	496 mh/yr			365 mh/yr/MG	
1D	0.01 mh/yr/LF	0.01 mh/yr/LF	192 mh/yr/structure	496 mh/yr			365 mh/yr/MG	
2A		0.01 mh/yr/LF	192 mh/yr/structure	496 mh/yr	952 mh/yr			
2B		0.01 mh/yr/LF	192 mh/yr/structure	496 mh/yr	952 mh/yr			
3A	0.01 mh/yr/LF		192 mh/yr/structure		952 mh/yr			
3B	0.01 mh/yr/LF	0.01 mh/yr/LF	192 mh/yr/structure	496 mh/yr	952 mh/yr			
5A								
5A w/SD	0.01 mh/yr/LF							

- 1 From Basis of Costs – O&M costs
- 2 16 hours/month, 16 hours/event, 19 events/year
- 3 16 hours/month, 40 hours/event, 19 events/year

