Pennsylvania Department of Environmental Protection

Northcentral Regional Office
CLEAN WATER PROGRAM

NPDES PERMIT FACT SHEET INDIVIDUAL SEWAGE

Application Type	**Renewal**	Application No.	**PA0111368**
Facility Type	**Non-Municipal**	APS ID	**1118944**
Major / Minor	**Minor**	Authorization ID	**1494199**

Applicant and Facility Information

Applicant Name	**Jersey Shore Area School District**	Facility Name	**Jersey Shore Area School District STP**
Applicant Address	175 A And P Drive	Facility Address	2490 Route 287 Highway
	Jersey Shore, PA 17740-7814		Jersey Shore, PA 17740
Applicant Contact	Mark Wall	Facility Contact	Mark Wall
Applicant Phone	(570) 398-5055	Facility Phone	(570) 398-5055
Client ID	172	Site ID	259556
Ch 94 Load Status	Not Overloaded	Municipality	Mifflin Township
Connection Status	No Limitations	County	Lycoming
Date Application Received	August 1, 2024	EPA Waived?	Yes
Date Application Accepted	August 7, 2024	If No, Reason	

Purpose of Application: Renewal of an existing NPDES permit for the discharge of treated sewage.

Summary of Review

DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

The Salladasburg Elementary School Wastewater Treatment Plant is a package extended aeration treatment plant with an annual average design flow and hydraulic design capacity of 0.0047 MGD and an organic capacity of 33.3 lbs BOD5/day, owned and operated by the Jersey Shore Area School District.

Approve	Deny	Signatures	Date
X		Jonathan P. Peterman / Project Manager	April 1, 2026
X		Nicholas W. Hartranft, P.E. / Environmental Engineer Manager	April 3, 2026

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	0.0047
Latitude	41º 15' 55.93"	Longitude	-77º 13' 54.81"
Quad Name	Salladasburg	Quad Code	0828
Wastewater Description:	Sewage Effluent		

Receiving Waters	Larrys Creek (EV (existing use))	Stream Code	21014
NHD Com ID	66915667	RMI	4.24
Drainage Area	62.49	Yield (cfs/mi^2)	0.034
Q_{7-10} Flow (cfs)	2.11	Q_{7-10} Basis	Gage No. 01549780
Elevation (ft)	618	Slope (ft/ft)	n/a
Watershed No.	10-A	Chapter 93 Class.	WWF
Existing Use	Exceptional Value (EV)	Existing Use Qualifier	RBP - Antidegradation
Exceptions to Use	n/a	Exceptions to Criteria	n/a
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment	**n/a**		
Source(s) of Impairment	**n/a**		
TMDL Status	**n/a**	Name	**n/a**

Nearest Downstream Public Water Supply Intake	PA American White Deer		
PWS Waters	West Branch Susquehanna River	Flow at Intake (cfs)	680
PWS RMI	10.5	Distance from Outfall (mi)	36

Changes Since Last Permit Issuance: None.

Other Comments: None.

DEP has evaluated information indicating that the existing use of the receiving waters is different than the designated use under 25 Pa. Code § 93.9. In developing the draft NPDES permit, DEP is proposing to protect the existing use of the receiving waters. Following DEP's notice of the receipt of the application and the draft permit in the Pennsylvania Bulletin, DEP will accept written comments during the public comment period regarding DEP's tentative determination to protect the existing use. DEP will make a final determination on existing use protection for the receiving waters as part of the final permit action.

Treatment Facility Summary		
Treatment Facility Name: Jersey Shore Area School District		
WQM Permit No.	**Issuance Date**	**Comments**
4115401	2/22/2016	UV disinfection
266S014	5/25/1966	Original Construction

Waste Type	**Degree of Treatment**	**Process Type**	**Disinfection**	**Avg Annual Flow (MGD)**
Sewage	Secondary	Extended Aeration	Ultraviolet	0.0047
Hydraulic Capacity (MGD)	**Organic Capacity (lbs/day)**	**Load Status**	**Biosolids Treatment**	**Biosolids Use/Disposal**
0.0047	33.3	Not Overloaded	Holding Tank	Other WWTP

Treatment System Components:

- One (1) comminutor
- One (1) manual bar screen
- One (1) aeration tank
- One (1) clarifier tank
- Two (2) ultraviolet disinfection units
- One (1) sludge holding tank

Disinfected effluent is ultimately discharged via Outfall 001 to Larry's Creek.

Changes Since Last Permit Issuance: None.
Other Comments: None.

TMDL Impairment

The Department's Geographic Information System (GIS) shows that Larry's Creek is not impaired and a TMDL doesn't exists for the stream segment. No further review is required.

Chesapeake Bay Requirements

Since this facility's annual average design flow is 0.0047 MGD, the permittee will be required to monitor and report TN and TP throughout the permit term at a frequency no less than annually in accordance with the Phase III WIP Chesapeake Bay Strategy for Phase V facilities (0.002 MGD to 0.2 MGD) unless 1) the facility has already conducted at least two years of nutrient monitoring and 2) a summary of the monitoring results are included in the next permit's fact sheet. Monitoring for these parameters was conducted over the previous permit term and the yearly monitoring requirements for nutrients will be removed accordingly. No further monitoring is required at this time.

The facility has completed five years' worth of sampling for total nitrogen and total phosphorus. The sample results are as follows:

Monitoring Period	Concentrations (mg/l)	
	Total Nitrogen	Total Phosphorus
2015	24.1	2.1
2016	11	2.68
2017	22.88	0.2
2018	8.83	1.89
AVG	***16.70***	***1.72***

Anti-Backsliding

In accordance with 40 CFR 122.44(l)(1) and (2), this permit does not contain effluent limitations, standards, or conditions that are less stringent than the previous permit.

Biosolids Use/Disposal

Sludge is hauled to the Tiadaghton Valley Municipal Authority (TVMA) Wastewater Treatment Plant (NPDES Permit No. PA0234079).

Existing Effluent Limitations and Monitoring Requirements

Existing Limits

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) [1]		Concentrations (mg/L)				Minimum [2] Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Instantaneous Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	5/week	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	5/week	Grab
Dissolved Oxygen	XXX	XXX	5.0	XXX	XXX	XXX	5/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	XXX	XXX	XXX	25.0	XXX	50.0	1/month	Grab
Total Suspended Solids	XXX	XXX	XXX	30.0	XXX	60.0	1/month	Grab
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	1/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/month	Grab
Ultraviolet light transmittance (%)	XXX	XXX	Report	XXX	XXX	XXX	5/week	Grab
Ammonia-Nitrogen	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab

*The existing effluent limits for Outfall 001 were based on a design flow of 0.0047 MGD.

Development of Effluent Limitations

Outfall No. 001 **Design Flow (MGD)** 0.0047
Latitude 41º 15' 55.93" **Longitude** -77º 13' 54.81"
Wastewater Description: Sewage Effluent

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

Pollutant	Limit (mg/l)	SBC	Federal Regulation	State Regulation
$CBOD_5$	25	Average Monthly	133.102(a)(4)(i)	92a.47(a)(1)
	40	Average Weekly	133.102(a)(4)(ii)	92a.47(a)(2)
Total Suspended Solids	30	Average Monthly	133.102(b)(1)	92a.47(a)(1)
	45	Average Weekly	133.102(b)(2)	92a.47(a)(2)
pH	6.0 – 9.0 S.U.	Min – Max	133.102(c)	95.2(1)
Fecal Coliform (5/1 – 9/30)	200 / 100 ml	Geo Mean	-	92a.47(a)(4)
Fecal Coliform (5/1 – 9/30)	1,000 / 100 ml	IMAX	-	92a.47(a)(4)
Fecal Coliform (10/1 – 4/30)	2,000 / 100 ml	Geo Mean	-	92a.47(a)(5)
Fecal Coliform (10/1 – 4/30)	10,000 / 100 ml	IMAX	-	92a.47(a)(5)
Total Residual Chlorine	0.5	Average Monthly	-	92a.48(b)(2)

Water Quality-Based Limitations

To establish whether or not water-quality based effluent limitations (WQBELs) are required, the Department models in-stream conditions. In order to determine limitations for CBOD5, ammonia-N and dissolved oxygen, the Department utilizes the WQM 7.0 v1.0b model and in order to determine limitations for toxics, the Department utilizes Toxics Management Spreadsheet (TMS). The TMS was not utilized or this review.

WQM 7.0 for Windows, Version 1.0b, Wasteload Allocation Program for Dissolved Oxygen and Ammonia Nitrogen
The model was run using the Q7-10 stream flow, background water quality, average annual design flow, and other discharge characteristics. The previously existing technology-based effluent limits for $CBOD_5$ (25 mg/l) and NH3-N (3 mg/l) were used as inputs for the modeling. The DO minimum daily average criterion from §93.7 (6.0 mg/L for CWF) was used for the in-stream objective for the model. The summary of the output is as follows:

Parameter	Effluent Limit		
	30 Day Average	Maximum	Minimum
CBOD5	25	N/A	N/A
Ammonia-N	25	50	N/A
Dissolved Oxygen	N/A	N/A	3

The model does not recommend more stringent water-quality based effluent limitations with regards to CBOD5 and dissolved oxygen, and ammonia-nitrogen. Refer to Appendix B for the WQM 7.0 inputs and results.

Best Professional Judgment (BPJ) Limitations

See Dissolved Oxygen section below.

Additional Considerations

None

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst the abovementioned technology, water quality, and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (362-0400-001) and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Instantaneous Minimum	Average Monthly	Maximum	Instant. Maximum		
Flow (MGD)	Report	Report Daily Max	XXX	XXX	XXX	XXX	5/week	Measured
pH (S.U.)	XXX	XXX	6.0	XXX	XXX	9.0	5/week	Grab
Dissolved Oxygen	XXX	XXX	5.0	XXX	XXX	XXX	5/week	Grab
Carbonaceous Biochemical Oxygen Demand (CBOD5)	XXX	XXX	XXX	25.0	XXX	50.0	1/month	Grab
Total Suspended Solids	XXX	XXX	XXX	30.0	XXX	60.0	1/month	Grab
Fecal Coliform (No./100 ml) Oct 1 - Apr 30	XXX	XXX	XXX	2000 Geo Mean	XXX	10000	1/month	Grab
Fecal Coliform (No./100 ml) May 1 - Sep 30	XXX	XXX	XXX	200 Geo Mean	XXX	1000	1/month	Grab
Ultraviolet light transmittance (%)	XXX	XXX	Report	XXX	XXX	XXX	5/week	Grab
Ammonia-Nitrogen	XXX	XXX	XXX	Report	XXX	XXX	1/month	Grab
E. Coli (No./100 ml)	XXX	XXX	XXX	XXX	XXX	Report	1/year	Grab

*The proposed effluent limits for Outfall 001 were based on a design flow of 0.0047 MGD.

General Information

All of the limits proposed above are consistent with other permits issued for wastewater treatment plants in the region. The associated mass-based limits (lbs/day) for all parameters were based on the formula: design flow (average annual) (MGD) x concentration limit (mg/L) at design flow x conversion factor (8.34). All effluent limits were then rounded down in accordance with the rounding rules established in the *Technical Guidance for the Development and Specification of Effluent Limitations (362-0400-001)*, Chapter 5 - Specifying Effluent Limitations in NPDES Permits.

Flow

The existing monitoring frequency (5/week) and sample type (Measured) will remain.

Carbonaceous Biochemical Oxygen Demand ($CBOD_5$)
The results of the WQM 7.0 model showed that the previously applied advanced treatment requirements for $CBOD_5$ were protective of water quality and will remain.

Total Suspended Solids (TSS)
The previously applied advanced treatment requirements for TSS will remain as well.

pH
CFR Title 40 §133.102(c) and 25 PA Code §95.2(1) provide the basis of effluent limitations for pH.

Fecal Coliforms
The existing fecal coliform limits with I-max limits were updated from the previous Chapter 92 code to correspond with what is specified in the updated 25 PA Code § 92a.47 (a)(4)&(5).

U.V. Transmittance
The facility uses a meter for this monitoring and the daily sample type (Meter) is appropriate. The output of the existing meter has been verified to report ultraviolet light transmittance. The facility no longer uses chlorine disinfection.

Ammonia-Nitrogen (NH3-N)
The WQM 7.0 model indicated that the existing water quality-based limits for ammonia were adequate. These limits were previously assigned in accordance with the *Implementation Guidance of Section 93.7 Ammonia Criteria* (391-2000-013) which states that a multiplier of 2.0 times the average monthly concentration limit (3 mg/L) was used to establish the I-max concentration limit (6 mg/L). The existing effluent limits will remain.

Dissolved Oxygen (DO)
Given results of the WQM 7.0 model, a discharge of effluent from this facility with a DO concentration of 3 mg/l would not result in an exceedance of water quality requirements for this stream. It is anticipated, that the DO concentration in the effluent would be greater than 3.0 mg/l. Therefore, based on BPJ, only monitoring will be required for this facility.

E. Coli
25 PA Code § 92a.61 provides the basis of monitoring requirements for E. Coli. Yearly monitoring will be required going forward.

Compliance History

Summary of Inspections -The last inspection of the facility was conducted by the Department on 10/29/25. The inspection indicates that the facility is operating normally and no violations were noted.
WMS Query Summary - A WMS Query was run at *Reports - Violations & Enforcements – Open Violations for Client Report* to determine whether there are any unresolved violations associated with the client that will affect issuance of the permit (per CSL Section 609). This query revealed no open violations.
eDMRs Summary - Upon review of the eDMR results, the facility is operating within their effluent limits which are listed below.

Compliance History

DMR Data for Outfall 001 (from February 1, 2025 to January 31, 2026)

Parameter	JAN-26	DEC-25	NOV-25	OCT-25	SEP-25	AUG-25	JUL-25	JUN-25	MAY-25	APR-25	MAR-25	FEB-25
Flow (MGD) Average Monthly									0.00177	0.00185	0.00188	0.00177
Flow (MGD) Daily Maximum									0.00215	0.00211	0.00208	0.00242
pH (S.U.) Instantaneous Minimum									6.63	6.03	6.62	6.63
pH (S.U.) Instantaneous Maximum									7.13	7.20	7.18	7.26
DO (mg/L) Instantaneous Minimum									9.3	9.3	9.7	10.0
CBOD5 (mg/L) Average Monthly									< 3.0	4.0	6.4	1.8
CBOD5 (mg/L) Instantaneous Maximum									< 3.0	4.0	6.4	1.8
TSS (mg/L) Average Monthly									4.0	< 4.0	8.0	4.0
TSS (mg/L) Instantaneous Maximum									4.0	< 4.0	8.0	4.0
Fecal Coliform (No./100 ml) Geometric Mean									< 1.0	< 1.0	< 1.0	< 1.0
Fecal Coliform (No./100 ml) Instantaneous Maximum									< 1.0	< 1.0	< 1.0	< 1.0
UV Transmittance (%) Instantaneous Minimum									62.4	61.5	63.6	63.5
Ammonia (mg/L) Average Monthly									< 0.10	< 0.10	< 0.10	< 0.10

APPENDIX A

PREVIOUS Q7-10 ANALYSIS AND STREAM DATA

Low-Flow (Q_{7-10}) Calculation

Facility: **Jersey Shore Area School District WWTP**
NPDES Permit No. **PA0111368**

Gage Information		Outfall Information	
Drainage Area:	**6.8** mi^2	Drainage Area:	**62.49** mi^2
Q_{7-10}:	**0.23** cfs	Q_{7-10}:	**2.11** cfs
LFY:	**0.034** cfsm		

Downstream Locations

RMI:	**3.08**	RMI:	
Drainage Area:	**81.13** mi^2	Drainage Area:	mi^2
Q_{7-10}:	**2.744** cfs	Q_{7-10}:	cfs
RMI:		RMI:	
Drainage Area:	mi^2	Drainage Area:	mi^2
Q_{7-10}:	cfs	Q_{7-10}:	cfs
RMI:		RMI:	
Drainage Area:	mi^2	Drainage Area:	mi^2
Q_{7-10}:	cfs	Q_{7-10}:	cfs
RMI:		RMI:	
Drainage Area:	mi^2	Drainage Area:	mi^2
Q_{7-10}:	cfs	Q_{7-10}:	cfs

APPENDIX B

WQM 7.0 MODEL INPUT/OUTPUT

Input Data WQM 7.0

SWP Basin	Stream Code	Stream Name	RMI	Elevation (ft)	Drainage Area (sq mi)	Slope (ft/ft)	PWS Withdrawal (mgd)	Apply FC
10A	21014	LARRYS CREEK	**3.080**	580.00	81.13	0.00000	0.00	☑

Stream Data

Design Cond.	LFY (cfsm)	Trib Flow (cfs)	Stream Flow (cfs)	Rch Trav Time (days)	Rch Velocity (fps)	WD Ratio	Rch Width (ft)	Rch Depth (ft)	Tributary Temp (°C)	Tributary pH	Stream Temp (°C)	Stream pH
Q7-10	0.034	0.00	0.00	0.000	0.000	0.0	0.00	0.00	20.00	7.00	0.00	0.00
Q1-10		0.00	0.00	0.000	0.000							
Q30-10		0.00	0.00	0.000	0.000							

Discharge Data

Name	Permit Number	Existing Disc Flow (mgd)	Permitted Disc Flow (mgd)	Design Disc Flow (mgd)	Reserve Factor	Disc Temp (°C)	Disc pH
		0.0000	0.0000	0.0000	0.000	25.00	7.00

Parameter Data

Parameter Name	Disc Conc (mg/L)	Trib Conc (mg/L)	Stream Conc (mg/L)	Fate Coef (1/days)
CBOD5	25.00	2.00	0.00	1.50
Dissolved Oxygen	3.00	8.24	0.00	0.00
NH3-N	25.00	0.00	0.00	0.70

Input Data WQM 7.0

SWP Basin	Stream Code	Stream Name	RMI	Elevation (ft)	Drainage Area (sq mi)	Slope (ft/ft)	PWS Withdrawal (mgd)	Apply FC
10A	21014	LARRYS CREEK	**4.240**	620.00	62.49	0.00000	0.00	☑

Stream Data

Design Cond.	LFY (cfsm)	Trib Flow (cfs)	Stream Flow (cfs)	Rch Trav Time (days)	Rch Velocity (fps)	WD Ratio	Rch Width (ft)	Rch Depth (ft)	Tributary Temp (°C)	Tributary pH	Stream Temp (°C)	Stream pH
Q7-10	0.034	0.00	0.00	0.000	0.000	0.0	0.00	0.00	20.00	7.00	0.00	0.00
Q1-10		0.00	0.00	0.000	0.000							
Q30-10		0.00	0.00	0.000	0.000							

Discharge Data

Name	Permit Number	Existing Disc Flow (mgd)	Permitted Disc Flow (mgd)	Design Disc Flow (mgd)	Reserve Factor	Disc Temp (°C)	Disc pH
JSASD WWTP	PA0111368	0.0047	0.0047	0.0047	0.000	25.00	7.00

Parameter Data

Parameter Name	Disc Conc (mg/L)	Trib Conc (mg/L)	Stream Conc (mg/L)	Fate Coef (1/days)
CBOD5	25.00	2.00	0.00	1.50
Dissolved Oxygen	3.00	8.24	0.00	0.00
NH3-N	25.00	0.00	0.00	0.70

WQM 7.0 Hydrodynamic Outputs

SWP Basin	Stream Code	Stream Name
10A	21014	LARRYS CREEK

RMI	Stream Flow (cfs)	PWS With (cfs)	Net Stream Flow (cfs)	Disc Analysis Flow (cfs)	Reach Slope (ft/ft)	Depth (ft)	Width (ft)	W/D Ratio	Velocity (fps)	Reach Trav Time (days)	Analysis Temp (°C)	Analysis pH
Q7-10 Flow												
4.240	2.12	0.00	2.12	.0073	0.00653	.625	25.8	41.26	0.13	0.536	20.02	7.00
Q1-10 Flow												
4.240	1.19	0.00	1.19	.0073	0.00653	NA	NA	NA	0.10	0.741	20.03	7.00
Q30-10 Flow												
4.240	3.04	0.00	3.04	.0073	0.00653	NA	NA	NA	0.16	0.439	20.01	7.00

WQM 7.0 Modeling Specifications

Parameters	Both	Use Inputted Q1-10 and Q30-10 Flows	☑
WLA Method	EMPR	Use Inputted W/D Ratio	☐
Q1-10/Q7-10 Ratio	0.56	Use Inputted Reach Travel Times	☐
Q30-10/Q7-10 Ratio	1.43	Temperature Adjust Kr	☑
D.O. Saturation	90.00%	Use Balanced Technology	☑
D.O. Goal	6		

WQM 7.0 Wasteload Allocations

SWP Basin	Stream Code	Stream Name
10A	21014	LARRYS CREEK

NH3-N Acute Allocations

RMI	Discharge Name	Baseline Criterion (mg/L)	Baseline WLA (mg/L)	Multiple Criterion (mg/L)	Multiple WLA (mg/L)	Critical Reach	Percent Reduction
4.240	JSASD WWTP	9.65	50	9.65	50	0	0

NH3-N Chronic Allocations

RMI	Discharge Name	Baseline Criterion (mg/L)	Baseline WLA (mg/L)	Multiple Criterion (mg/L)	Multiple WLA (mg/L)	Critical Reach	Percent Reduction
4.240	JSASD WWTP	1.92	25	1.92	25	0	0

Dissolved Oxygen Allocations

RMI	Discharge Name	CBOD5		NH3-N		Dissolved Oxygen		Critical Reach	Percent Reduction
		Baseline (mg/L)	Multiple (mg/L)	Baseline (mg/L)	Multiple (mg/L)	Baseline (mg/L)	Multiple (mg/L)		
4.24	JSASD WWTP	25	25	25	25	3	3	0	0

WQM 7.0 D.O.Simulation

SWP Basin	Stream Code	Stream Name
10A	21014	LARRYS CREEK

RMI	Total Discharge Flow (mgd)	Analysis Temperature (°C)	Analysis pH
4.240	0.005	20.017	7.000
Reach Width (ft)	**Reach Depth (ft)**	**Reach WDRatio**	**Reach Velocity (fps)**
25.799	0.625	41.259	0.132
Reach CBOD5 (mg/L)	**Reach Kc (1/days)**	**Reach NH3-N (mg/L)**	**Reach Kn (1/days)**
2.08	0.043	0.09	0.701
Reach DO (mg/L)	**Reach Kr (1/days)**	**Kr Equation**	**Reach DO Goal (mg/L)**
8.225	8.204	Tsivoglou	6
Reach Travel Time (days)			
0.536			

Subreach Results

TravTime (days)	CBOD5 (mg/L)	NH3-N (mg/L)	D.O. (mg/L)
0.054	2.07	0.08	8.24
0.107	2.07	0.08	8.24
0.161	2.06	0.08	8.24
0.215	2.06	0.07	8.24
0.268	2.05	0.07	8.24
0.322	2.05	0.07	8.24
0.375	2.05	0.07	8.24
0.429	2.04	0.06	8.24
0.483	2.04	0.06	8.24
0.536	2.03	0.06	8.24

WQM 7.0 Effluent Limits

SWP Basin	Stream Code	Stream Name
10A	21014	LARRYS CREEK

RMI	Name	Permit Number	Disc Flow (mgd)	Parameter	Effl. Limit 30-day Ave. (mg/L)	Effl. Limit Maximum (mg/L)	Effl. Limit Minimum (mg/L)
4.240	JSASD WWTP	PA0111368	0.005	CBOD5	25		
				NH3-N	25	50	
				Dissolved Oxygen			3

APPENDIX C

FACILITY MAP