Victor Valley Wastewater Reclamation Authority

Discharge Monitoring Report 2015

Victor Valley Wastewater Reclamation Authority
A joint Powers Authority and Public Agency of the State of California

20111 Shay Road • Victorville California 92394
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February 1, 2016

Ms. Patty Z. Kouyoumdjian, Executive Officer
Lahontan Regional Water Quality Control Board
15428 Civic Drive, Suite 100
Victorville, CA 92392-2395

RE: Annual Discharge Monitoring Report for Calendar Year 2015
Board Order No. R6V-2013-0038, RWQCB ID: 6B360109001
NPDES Permit No. CA0102822

Dear Ms. Kouyoumdjian:

Enclosed please find the 2015 Annual Discharge Monitoring Report for the Victor Valley Wastewater Reclamation Authority. This report includes narrative and tabular data of operational parameters reported during calendar year 2015, as well as the results of annual testing required by the Facility's NPDES Permit.

We are pleased to report that the treatment facility and related systems improved during the year as described in the attached summary.

If you should have any further questions, please feel free to contact me at your convenience.

Sincerely,

Logan Olds
General Manager

Enclosures

cc: SWRCB Discharge Monitoring Report Processing Center
Gilbert Perez, Director of Operations – VVWRA
Eugene Davis, Operations Supervisor - VVWRA
Dean Johnson, Maintenance Supervisor – VVWRA
Lorenzo Rodriguez, Lab Supervisor - VVWRA
Operations/Control Room Posting - VVWRA

Victor Valley Wastewater Reclamation Authority

20151 Shay Road • Victorville • CA • 92394

2015 Annual Report

VICTOR VALLEY WASTEWATER RECLAMATION AUTHORITY
Calendar Year 2015

ANNUAL SUMMARY OF
OPERATIONS AND MAINTENANCE

OVERALL TREATMENT

Effluent removal efficiencies averaged 98.5% for BOD, 99.4% TSS and 98.5% for ammonia nitrogen. The effluent to the Mojave River averaged 5.78 mg/l BOD, 2.84 mg/L TSS and .48 mg/l ammonia nitrogen. The influent to the treatment facility averaged 379.2 mg/l BOD, 464.95 mg/L TSS and 33.72 mg/l ammonia nitrogen. The influent flow to the facility averaged 10.72 MGD, the effluent flow to the Mojave River averaged 5.78 MGD and the percolation pond effluent averaged 4.42 MGD.

CONSTRUCTION ACTIVITY

Completed aeration Aquarius fine bubble disc membrane diffuser retrofit project to aeration basins 1-4.

Completed regulatory required slip lining of sludge lagoons 1 and 2.

Notice to proceed was issued September 1st, 2015 for the Aeration Energy Efficiency project. Project is currently in progress due for completion March 2016.

Notice to proceed was issued February 27th, 2015 for the Hesperia and Apple Valley sub-regional plants. Construction is currently in progress due for completion June 7th, 2017.

PRELIMINARY TREATMENT

Both bar screens and both grit tanks were in service and operated satisfactorily during the year. The screenings were compacted to remove excess water. Screenings and grit were hauled off-site for landfill disposal. Preventative maintenance was performed during the year on scheduled equipment.

PRIMARY TREATMENT

6 out of 8 primary sedimentation basins were in service during 2015. Solids and thickened scum removed by the primary treatment system were pumped to the anaerobic digesters for treatment. All other pumps, tanks and equipment related to the primary treatment process operated satisfactorily. Preventative maintenance was performed during the year on scheduled equipment.

SECONDARY TREATMENT

Aeration basins No.'s 1-12 were in service in a conventional mode of treatment, operating with four paired basins. Each pair of basins was operated with an anoxic selector for complete nitrification, denitrification, and alkalinity recovery.

Total suspended solids (TSS) meters were installed to the mixed liquor distribution channel and return activated sludge wet well. SRTMaster software was deployed automating the wasting process. SRTMaster is an effective and reliable tool that helps to solve foaming and settling problems and makes operation more efficient because it combines process expertise with the power of on-line measurements and computing.

During the year the new highly efficient electric Piller Turbo blowers installed in blower building 1 and 2 served as the primary aeration to aeration basins 1-12. The Facility's five dual-fuel gas-fired internal combustion, six-cylinder engine blowers served as backup.

Four (4) secondary clarifiers and two (2) of the return activated sludge (RAS) pumps were in service and operated satisfactorily during the year.

Waste activated sludge was removed from the secondary treatment system and pumped to the dissolved air floatation thickeners (DAFT's) for thickening before being fed to the the anaerobic digesters. All pumps, tanks, and equipment related to the secondary treatment process operated satisfactorily. Preventative maintenance was performed during the year on scheduled equipment.

PERCOLATION PONDS

A total of 1613.97 million gallons of undisinfected tertiary effluent was discharged to the percolation ponds during the year.

TERTIARY TREATMENT

A total of 3921.47 million gallons of secondary effluent received tertiary filtration, 2110.93 million gallons was processed through UV disinfection and was discharged to the Mojave River. The Aqua Diamond Cloth Media Tertiary filtration system was used to reduce solids in the final effluent prior to Ultra Violet (UV) disinfection. All pumps, tanks and equipment related to the tertiary process operated satisfactorily. Preventative maintenance was performed during the year on scheduled equipment.

All secondary effluent flow is treated through the Aqua Diamond Tertiary filtration system prior to discharging to the facility percolation ponds and discharging to the Mojave River post UV disinfection.

TOTAL EFFLUENT FLOW

When the percolation pond discharge flow and the tertiary treatment discharged flow are added together, approximately 3921.47 million gallons were discharged by the Facility in 2015.

BIOSOLIDS TREATMENT

Both dissolved air floatation thickeners (DAFT's) were in service during the year and operated satisfactorily for waste activated sludge dewatering. After thickening using the DAFT's, thickened WAS was pumped anaerobic digesters. Primary sludge was pumped to the anaerobic digesters.

During the reporting period three (2) anaerobic digesters were in service for complete mix mesothermic digestion. Anaerobically digested sludge was drained by gravity or pumped to the No. 1 and No. 2 liquid sludge storage lagoons. Digested sludge from the No. 1 and No. 2 sludge storage lagoons was pumped to the sludge drying beds for solar dewatering. The gravity belt thickener served as stand-by for sludge dewatering to provide additional capacity for solids handling. Dried biosolids were mechanically removed from the drying beds and placed on drying bed #4 as a staging area before being transferred to the sludge storage pad after lab results confirmed compliance with 40 CFR regulations. In 2015, 1,151.81 dry tons were removed from the storage pad and delivered to Martinez and Pettigrew Farms in Lucerne Valley, CA for land application. At the end of the year 8,500 dry tons of biosolids were in storage awaiting disposal.

All pumps, tanks, and equipment related to the sludge facility operated satisfactorily. Preventative maintenance was performed during the year on scheduled equipment.

METER CALIBRATION

VVWRA staff and/or an outside contractor calibrated the meters listed below various times during the year:

Location	Description	Manufacturer	Model #	Range	Serial #	Cal. HZ
Final Effluent	Final Flow	Hydroranger	n/a		n/a	Quarterly
Final Effluent Conductivity	Condutivity	Hach	n/a		1112530327	Quarterly
Final Effluent DO	Dissolved Oxygen	Hach	n/a		912410580	Quarterly
Final Effluent pH Probe	Final pH	HACH	DP1PD1		na	Quarterly
SCLA Reclaim Flow	12" mag meter	Sparling	FM656		M074410705	Quarterly
UV Effluent pH	UV pH	Hach	DP1PD1		1109430849	Quarterly
UV Effluent Conductivity	UV Conductivity	Hach	n/a		1109530159	Quarterly
UV Effluent LDO	UV LDO	Hach	LDO		1109410598	Quarterly
UV NTU Meter	UV NTU	HACH	1720e		1720e8201757	Quarterly
Reclaim Chlorine	Reclaim Meter	HACH	n/a		n/a	Quarterly
UV Effluent Transmittance	UVAS Transmittance	HACH	UVAS		1467137	Quarterly
UV Influent Flow	UV Flowmeter	SIEMENS	LP5000		3504010411	Quarterly
Percolation Pond Flowmeter #1	12" mag meter	Sparling	FM-656		M033061701	Quarterly
Percolation Pond Flowmeter #2	12" mag meter	Sparling	FM-656		M033071701	Quarterly
Percolation Pond Flowmeter #3	12" mag meter	Sparling	FM-656		M109544106	Quarterly
Percolation Pond Flowmeter #4	12" mag meter	Sparling	FM-656		M109534106	Quarterly
Perc Pond Level Transmitter	Hydroranger Level	SIMENS	Hydroranger		na	Quarterly
Aqua Diamond pH	pH	Hach	DP1PD1		1206431816	Quarterly
Aqua Diamond #1 NTU meter	Solitax NTU Probe	HACH	n/a		1453901	Quarterly
Aqua Diamond #2 NTU meter	Solitax NTU Probe	HACH	n/a		1463984	Quarterly
RAS #4	8" mag meter	Sparling	FM 622		C22800789	Quarterly
RAS #5	8" mag meter	Sparling	FM 656		M139413409	Quarterly
RAS #6	10" mag meter	Sparling	FM656		M128042308	Quarterly
RAS #7	14" mag meter	ABB	MagMaster		M033041701	Quarterly

RAS #8	14" mag meter	ABB	MagMaster		M033052001	Quarterly
RAS #9	14" mag meter	ABB	MagMaster		n/a	Quarterly
RAS #10	14" mag meter	ABB	MagMaster		n/a	Quarterly
Airbay 9-12 Effl. Flow	24"	Sparling	FM-656		M109514306	Quarterly
Diversion Structure 1-4 Flowmeter	n/a	Sparling	FM-656		M134950209	Quarterly
Diversion Structure 5-8 Flowmeter	n/a	Sparling	FM-656		M117462207	Quarterly
EQ Basin Effluent Meter	16" mag meter	Sparling	FM 656		M120574107	Quarterly
TWAS #1	3" mag meter	Sparling	FM656		M08333706	Quarterly
Twas #2	3" mag meter	Sparling	FM 626		M096764505	Quarterly
Primary Sludge Flow #1	4" mag meter	Sparling	FM626		M015381799	Quarterly
Primary Sludge Flow #2	4" mag meter	ABB	Mag Master		006W007836	Quarterly
Headworks pH	pH	Hach	DP1PD1		1209430536	Quarterly
Headworks Conductivity	Condutivity	Hach	SC1000		1112660241	Quarterly
Plant Influent	30" mag meter	Sparling	FM-656		M109504806	Quarterly
Primary Scum Pump	4" mag meter	ABB	MFG 101		06W007838	Quarterly
TPS #4 Digester Flow	6" mag meter	ABB	MAG Master		06W0070852	Quarterly
TPS #5 Digester Flow	6" mag meter	ABB	Mag Master		06W0070853	Quarterly
Sludge Pond Flow from Dig 4 & 5	8" mag meter	Sparling	FM 656		M148233510	Quarterly
Aseptic EQ Tank	4" mag meter	ABB	Mag Master		06W006537	Quarterly
O & M Electrical Room	Chart Recorder	Omega	CT 9000 Series		1389560-0015	Quarterly
O & M Electrical Room	Chart Recorder	Omega	CT 9000 Series		1426794-0018	Quarterly
CBM	8" mag meter	Sparling	FM656		M079413004	Quarterly
Oro Grande	4" mag meter	Sparling	FM626		M138612709	Quarterly
Final Effluent Sampler	Isco	Isco	n/a		n/a	Quarterly
UV Sampler	UV Sampler	Isco	n/a		07-SMLK-073	Quarterly

ALARM MONITORING

All critical process alarms were checked weekly from their source to the main control system. The Facility's SCADA computer alarm dialer system and backup internet messaging system was in service and was functional during the entire year. Most of the Facility's alarm points were routed through the SCADA system. Several alarm points were routed from the main control panel to a private alarm company, and these were checked once per week during the year. Eventually all of the Facility's alarm points will be routed through the SCADA system, and the need for a private alarm company will be eliminated except for redundant fire alarm communication.

SEPTAGE WASTE ACCEPTED

During 2015 a total of 6.538 million gallons of septage waste was received at the septage receiving facility for treatment and disposal.

GROUNDWATER MONITORING WELLS

Maps of the facility and a graphical depiction of groundwater flow are attached to this report.

EFFLUENT TOXICITY ANALYSIS

Four acute toxicity samples were collected during the year from VVWRA's post-UV final effluent. Acute toxicity analyses were performed using fathead minnows, as required by the Facility's NPDES permit. All samples collected did not exhibit significant acute toxicity as defined by the NPDES Permit.

Chronic toxicity samples were collected on July 13, 2015 from VVWRA's post-UV final effluent and from the Mojave River, both upstream and downstream of the discharge. Tests were conducted using both Ceriodaphnia and fathead larvae. All samples collected did not exhibit significant acute toxicity as defined by the NPDES Permit. Please refer to aquatic bioassay toxicity tab for the results.

RECYCLED WATER AND REUSE

A total of 214.66 million gallons (659.01 acft) of fully treated reclaimed water were pumped to American Organics and SCLA for cooling water for High Desert Power Plant..

SPILL AND EXCURSION REPORT

There were several excursions during 2015 which have been detailed under separate cover to Lahontan Region Water Quality Control Board.

CERTIFIED WASTEWATER OPERATORS/TECHNICIANS

The following is a list of certified operators and maintenance personnel that were employed at the treatment facility during 2015:

OPERATIONS

NAME	GRADE	POSITION
Logan Olds	V-9443	General Manager
Gilbert Perez	V-7715	Director of Operations
Eugene Davis	III-28028	Operations Supervisor
Mike Gouin	V-28513	Senior Operator
Ryan Love	III-41891	Lead Operator
Keith Lueken	III-39828	Senior Operator
Tom Hinijosa	III-10173	Senior Operator
Eugene Davis	III-28028	Lead Operator
Mike Tarango	III-8345	Senior Operator
Bruce Correia	I-8784	Information Systems Coordinator
Bobby Hesse	I-36559	Operator
Brad Adams	II-41201	Senior Operator
Miguel Mendoza	V-28854	Senior Operator
Salvadore Carlos	I-42254	Operator
Moises Castro	II-40655	Operator
Phayean Mc Zeal	II-41467	Operator
Tyrese Powell	OIT	OIT
Johnny Bustos	OIT	OIT

MAINTENANCE

NAME	GRADE	POSITION
Dean Johnson		Maintenance Supervisor
Brian Fenton	I	Maintenance Technician
Marcos Avila	II	Maintenance Technician
Rick Billings	II	Maintenance Technician
Wesley Barsley		Electrical/Instrumentation
Mike Koncur	I	Maintenance Technician
Randy Gillette	I	Maintenance Technician
Mauricio Marin	IV	Electrical/Instrumentation
Brad Doneff		MIT
Benjamin Martin		MIT

Date **February 1, 2016**

California Regional Water Quality Control Board
Lahontan Region
15428 Civic Drive, Suite 100
Victorville, CA 92392

Facility Name: **Victor Valley Wastewater Reclamation Authority**

Address: **20111 Shay Road**
Victorville, CA 92394

Contact Person: **Logan Olds**

Job Title: **General Manager**

Phone: **(760) 246-8638**

Email: lolds@vvwra.com

WDR/NPDES Order Number: **R6V-2013-0038, CA0102822 (Regional Treatment Facility)**

WDID Number: **6B360109001**

Type of Report (circle one)**:** **Monthly Quarterly Semi-Annual Annual Other**

Month(s) (circle applicable month(s)*: **JAN FEB MAR APR MAY JUN**
JUL AUG SEP OCT NOV DEC
***annual Reports** (circle the first month of the reporting period)

Year: **2015**

Violation(s)? (Please check one): **_____NO _____X___YES***

***If YES is marked complete a-g (Attach Additional information as necessary)**

a) Brief Description of Violation: Multiple violations addressed under separate cover to LRWQCB

b) Section(s) of WDRs/NPDES Permit Violated: Multiple

c) Reported Value(s) or Volume: Varied

d) WDRs/NPDES Limit/Condition: Varied

e) Date(s) and Duration of Violation(s): Varied

f) Explanation of Cause(s): Varied

g) Corrective Action(s)
(Specify actions taken and a schedule for actions to be taken): Please refer to previously submitted documents

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

If you have any questions or require additional information, please contact Logan Olds or Gilbert Perez at the number provided above.

Sincerely,

Signature: _____

Name: Logan Olds for

Title: General Manager

SECTION 2

2015

FLOWS PER MONTH

VVWRA
Flows per Month
2015

JANUARY

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	11.78	17.66	0.75	6.21	4.81	11.78		
2	12.03	17.95	2.23	4.81	5.00	12.03	33777	
3	12.59	18.20	0.32	7.19	5.08	12.59		
4	13.14	18.26	0.00	6.67	6.63	13.29		0.00
5	13.03	18.35	4.48	7.37	1.17	13.03	36289	
6	12.12	17.54	1.50	5.95	3.69	11.14	30598	0.98
7	12.53	17.34	1.23	6.59	3.29	11.11	6380	1.41
8	11.99	17.04	3.71	4.54	2.91	11.16	18195	0.83
9	12.42	15.80	1.65	4.00	6.69	12.34	34513	0.08
10	12.02	18.84	2.55	4.02	5.45	12.02		
11	14.08	20.26	3.20	3.54	7.34	14.08		
12	11.93	18.30	2.50	3.63	5.78	11.91	45352	0.02
13	12.64	17.89	2.59	4.26	5.74	12.59	43760	0.05
14	12.59	16.65	2.13	3.84	6.62	12.59	34911	
15	11.23	16.46	4.72	3.21	3.29	11.23	24606	
16	11.60	15.35	2.77	6.85	1.96	11.58	21212	0.02
17	12.03	18.15	3.71	3.76	4.57	12.03		
18	11.56	17.90	2.31	3.59	5.65	11.56		
19	12.76	17.91	2.42	3.89	6.43	12.74		0.02
20	11.56	15.97	2.25	3.55	5.61	11.41	33634	0.15
21	11.58	16.59	2.63	2.60	4.84	10.06	35626	1.52
22	11.19	15.37	2.76	3.55	3.64	9.95	10369	1.25
23	11.19	17.23	2.49	2.53	4.21	9.24	7100	1.95
24	11.38	16.99	3.16	2.77	3.79	9.72		1.66
25	11.90	17.42	2.51	3.53	4.16	10.20		1.70
26	10.98	15.71	2.55	3.37	3.96	9.88	31244	1.10
27	11.31	15.64	2.60	3.99	4.10	10.68	29734	0.63
28	11.05	15.30	2.38	4.39	3.80	10.57	23408	0.47
29	10.70	15.31	1.59	2.91	5.06	9.56	14629	1.13
30	10.78	13.79	2.23	3.02	4.21	9.45	31224	1.33
31	11.27	20.79	2.53	2.87	5.34	10.74		
Total (mg)	368.96		74.45	133.00	144.82	352.26	0.55	16.30
Average (mgd)	11.90	17.16	2.40	4.29	4.67	11.36	0.03	0.82
Maximum (mgd)	14.08	20.79	4.72	7.37	7.34	14.08	0.05	1.95
					% Difference	-4.53		

VVWRA
Flows per Month
2015

FEBRUARY

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	11.63	17.65	2.57	3.63	4.81	11.00		0.63
2	11.02	15.40	2.40	3.76	4.10	10.26	31875	0.75
3	10.98	15.15	2.26	3.91	3.28	9.46	23015	1.52
4	10.92	18.43	1.54	3.35	4.74	9.63	32228	1.29
5	10.97	15.13	0.95	3.32	5.79	10.06	20989	0.91
6	11.04	14.13	1.96	3.26	5.35	10.58	24998	0.46
7	11.47	18.39	1.70	3.25	5.61	10.55		0.92
8	11.73	16.75	1.07	3.47	6.65	11.19		0.54
9	11.28	15.55	2.40	3.72	3.81	9.93	31234	1.34
10	11.09	15.38	2.50	3.20	4.37	10.07	32282	1.02
11	11.14	14.95	2.55	3.14	4.29	9.99	20299	1.15
12	10.77	14.06	1.77	3.42	4.51	9.70	21729	1.07
13	10.98	15.31	3.40	3.65	3.92	10.96	36103	0.02
14	11.22	16.30	1.43	3.51	6.28	11.22		0.00
15	10.42	15.82	1.86	3.12	5.44	10.42		0.00
16	11.79	16.53	2.22	3.51	6.06	11.79		0.00
17	10.43	17.87	2.00	3.49	4.93	10.43	22901	0.00
18	10.74	14.50	1.82	3.32	5.55	10.69	25088	0.05
19	10.46	14.40	3.16	6.40	0.79	10.34	28829	0.12
20	10.53	14.67	1.84	3.71	4.95	10.50	32943	0.03
21	10.67	16.11	1.45	3.09	6.13	10.67		0.00
22	11.16	15.64	1.90	3.19	6.07	11.16		0.00
23	10.69	14.77	3.34	4.13	3.21	10.68		0.02
24	11.00	15.64	2.69	2.84	5.48	11.00		0.00
25	10.95	18.67	1.97	3.01	5.96	10.94	22409	0.01
26	10.64	14.98	1.51	2.74	6.36	10.62	15240	0.02
27	10.70	13.85	0.94	3.51	6.25	10.70	43606	0.00
28	11.05	15.98	2.00	3.08	5.98	11.05		0.00
Total (mg)	307.47		57.20	97.73	140.67	295.59	0.47	11.87
Average (mgd)	10.98	15.79	2.04	3.49	5.02	10.56	0.03	0.42
Maximum (mgd)	11.79	18.67	3.40	6.40	6.65	11.79	0.04	1.52
					% Difference	-3.86		

VVWRA
Flows per Month
2015

MARCH

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	11.23	16.11	2.48	3.19	5.56	11.23		0.00
2	10.92	14.85	2.12	2.95	5.82	10.89	38305	0.03
3	11.05	15.06	2.71	3.08	4.14	9.93	31418	1.12
4	10.81	14.96	2.57	4.29	3.26	10.13	27328	0.68
5	10.75	14.99	1.56	2.73	6.26	10.55	17789	0.20
6	10.96	13.97	0.88	2.73	7.15	10.75	31407	0.20
7	10.96	16.25	1.55	2.48	6.82	10.85		0.11
8	10.77	15.90	1.70	2.82	6.25	10.77		0.00
9	10.96	15.30	1.60	3.54	5.80	10.94	12875	0.03
10	10.75	15.61	2.24	3.01	4.85	10.10	44223	0.65
11	10.70	14.56	2.03	2.90	5.05	9.98	19975	0.72
12	10.72	14.65	2.72	6.21	1.56	10.49	37757	0.23
13	10.22	17.00	3.69	6.53	0.00	10.22	25098	0.00
14	10.71	16.17	4.68	6.03	0.00	10.71		0.00
15	11.25	15.87	4.75	6.50	0.00	11.25		0.00
16	10.72	15.03	4.07	6.65	0.00	10.72	28269	0.00
17	11.41	14.74	4.44	6.96	0.00	11.40	28258	0.00
18	9.98	14.54	2.78	7.20	0.00	9.98	25714	0.00
19	10.77	14.96	3.96	6.81	0.00	10.77	29103	0.00
20	10.67	14.07	3.29	5.47	1.92	10.67	33372	0.00
21	10.92	16.03	2.60	2.55	5.76	10.92		0.00
22	10.97	16.04	1.37	2.59	7.02	10.97		0.00
23	11.06	14.90	2.16	3.42	4.71	10.29	30355	0.77
24	10.64	14.95	0.11	3.52	5.41	9.04	27503	1.60
25	10.57	14.67	2.43	2.69	4.30	9.42	24200	1.15
26	10.70	14.53	1.85	3.32	4.39	9.56	28209	1.15
27	10.35	13.99	1.32	2.02	6.97	10.31		0.04
28	10.79	16.07	1.44	2.09	7.22	10.75		0.03
29	10.75	15.61	2.39	2.04	6.32	10.75	19360	0.00
30	10.51	14.35	2.81	3.55	4.12	10.48		0.03
31	10.66	14.28	2.67	2.82	5.11	10.60	23498	0.06
Total (mg)	334.23		76.97	122.69	125.77	325.42	0.58	8.80
Average (mgd)	10.78	15.16	2.48	3.96	4.06	10.50	0.03	0.28
Maximum (mgd)	11.41	17.00	4.75	7.20	7.22	11.40	0.04	1.60
					% Difference	-2.64		

VVWRA
Flows per Month
2015

APRIL

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	10.76	14.14	2.58	4.34	3.81	10.73	25188	0.03
2	10.46	14.18	1.50	2.22	6.68	10.40	34315	0.06
3	10.82	14.71	1.26	2.18	7.31	10.76	27498	0.06
4	11.09	16.34	2.02	2.01	6.98	11.01		0.08
5	11.01	16.73	1.45	2.36	7.19	11.01		0.00
6	10.60	15.37	2.61	3.47	4.38	10.46	19269	0.14
7	10.79	14.94	2.27	1.98	6.51	10.76	33947	0.07
8	10.86	17.56	1.37	2.20	7.13	10.70	13829	0.16
9	10.71	15.00	1.53	3.01	6.06	10.60	28214	0.11
10	10.75	13.96	1.43	2.03	7.24	10.70	34037	0.05
11	10.72	15.98	1.49	2.14	7.07	10.69		0.03
12	11.13	15.79	2.03	2.01	7.09	11.13		0.00
13	10.61	14.87	0.86	2.49	5.66	9.01	31334	1.59
14	10.61	15.14	1.98	2.15	5.66	9.80	23498	0.81
15	10.75	14.71	1.24	1.99	7.51	10.73	32368	0.02
16	10.78	14.90	0.48	2.06	8.19	10.73	24209	0.04
17	10.58	13.64	0.48	2.00	7.04	9.52	35569	1.06
18	10.70	15.79	0.79	2.09	6.54	9.43		1.27
19	10.90	15.85	2.05	2.32	5.37	9.73		1.17
20	10.65	14.56	3.15	4.04	3.04	10.22		0.43
21	8.95	18.26	2.18	2.28	4.49	8.95	23155	0.00
22	10.42	18.78	3.26	2.61	3.35	9.22	29734	1.20
23	10.43	19.76	0.58	4.01	4.56	9.14	18609	1.29
24	12.08	19.00	1.42	3.80	6.85	12.07	26083	0.01
25	10.60	15.90	1.84	4.54	4.20	10.59		0.02
26	11.22	15.85	1.57	2.25	7.38	11.20		0.02
27	10.84	14.85	2.93	3.34	4.56	10.82	26529	0.02
28	10.66	14.80	2.66	4.53	3.44	10.63	32437	0.03
29	10.88	14.37	1.97	3.55	5.34	10.86	23497	0.02
30	10.25	14.14	1.05	2.75	6.21	10.02	21029	0.23
Total (mg)	321.61		52.03	82.75	176.84	311.62	0.56	10.02
Average (mgd)	10.72	15.66	1.73	2.76	5.89	10.39	0.03	0.33
Maximum (mgd)	12.08	19.76	3.26	4.54	8.19	12.07	0.04	1.59
					% Difference	-3.11		

VVWRA
Flows per Month
2015

MAY

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	10.67	13.51	1.13	3.26	6.27	10.65	33169	0.01
2	10.64	18.66	0.06	3.34	7.24	10.64		0.00
3	10.91	15.32	0.55	3.56	6.78	10.89		0.02
4	11.16	14.85	0.00	5.59	5.68	11.27	10400	0.03
5	10.60	19.09	0.34	3.66	6.58	10.58	32437	0.02
6	11.00	14.79	0.00	4.19	6.93	11.12	22697	0.02
7	10.58	14.84	0.38	3.67	6.49	10.54	20920	0.04
8	10.76	13.75	0.36	4.02	6.34	10.73	31437	0.03
9	10.95	16.29	0.82	3.39	6.75	10.95		0.00
10	11.06	15.97	0.06	3.63	7.37	11.06		0.01
11	10.69	14.85	0.53	4.14	6.00	10.67	14628	0.02
12	10.56	14.75	0.62	3.72	6.19	10.53	19588	0.03
13	10.85	14.43	1.47	4.35	5.00	10.82	17829	0.03
14	10.91	14.54	1.26	5.56	4.08	10.90	25168	0.01
15	10.48	13.57	0.34	2.95	7.17	10.46	26678	0.02
16	10.88	18.32	0.50	3.30	7.08	10.88		0.00
17	11.08	15.86	0.60	4.74	5.74	11.08		0.00
18	10.95	14.87	0.00	3.51	7.48	10.99	20319	0.00
19	10.61	14.85	0.67	3.35	6.57	10.59	9759	0.02
20	11.72	14.66	0.24	3.77	7.72	11.72	21809	0.00
21	10.08	14.02	0.58	3.02	6.45	10.05	30514	0.04
22	10.34	13.68	0.16	3.24	6.92	10.32	43507	0.02
23	10.74	16.16	0.00	3.34	7.40	10.74		0.00
24	10.27	15.45	0.38	4.19	5.69	10.27		0.00
25	11.39	16.20	0.41	3.31	7.64	11.37		0.02
26	10.36	14.19	0.00	3.45	7.26	10.71	29088	0.02
27	10.73	14.27	0.34	3.50	6.84	10.68	33092	0.04
28	10.51	13.37	0.47	4.00	6.00	10.47	26688	0.04
29	10.36	13.77	0.43	2.72	7.15	10.31	38678	0.01
30	10.58	15.71	0.03	3.03	7.47	10.53		0.00
31	10.66	15.26	0.00	3.10	7.50	10.59		0.19
Total (mg)	333.08		12.73	114.60	205.78	333.11	0.51	0.69
Average (mgd)	10.74	15.16	0.41	3.70	6.64	10.75	0.03	0.02
Maximum (mgd)	11.72	19.09	1.47	5.59	7.72	11.72	0.04	0.19
					% Difference	0.01		

VVWRA
Flows per Month
2015

JUNE

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	10.38	14.02	0.24	2.96	7.16	10.36	14609	0.02
2	9.98	19.57	0.49	3.52	5.94	9.95	35657	0.03
3	11.20	17.41	0.00	4.07	7.34	11.41	22450	0.04
4	10.28	14.47	0.00	3.47	6.89	10.36	19975	0.04
5	10.28	13.74	1.05	2.90	6.21	10.15	29967	0.13
6	10.32	15.02	0.12	4.46	5.75	10.32		0.00
7	10.23	14.83	0.00	3.02	6.44	9.46		0.85
8	10.11	13.35	0.10	0.65	8.21	8.96	28850	1.16
9	10.01	13.10	0.24	1.47	8.26	9.98	9669	0.03
10	10.66	13.74	0.69	1.58	8.33	10.60	20581	0.06
11	10.53	13.67	0.00	2.87	7.78	10.65	13829	0.04
12	10.57	14.41	0.00	3.26	7.54	10.81	27159	0.05
13	10.83	15.39	0.00	2.97	8.18	11.15		0.05
14	10.79	15.54	0.21	2.87	7.72	10.79		0.00
15	10.70	13.98	0.00	3.08	7.70	10.78	24144	0.04
16	10.33	14.04	0.00	3.04	7.85	10.89	11800	0.02
17	10.45	13.68	0.00	3.23	7.23	10.46	43290	0.06
18	10.09	12.98	0.15	3.12	6.21	9.48	18821	0.61
19	10.73	14.18	0.25	3.40	7.05	10.70	23459	0.02
20	10.71	15.26	0.00	3.36	7.31	10.67		0.18
21	10.75	14.70	0.00	3.56	7.57	11.13		0.77
22	10.72	14.23	0.00	3.42	7.54	10.97	8960	0.04
23	10.53	13.63	0.05	2.94	6.59	9.58	28271	0.95
24	10.62	13.61	0.49	1.68	6.81	8.98	9669	1.64
25	10.45	13.28	0.00	0.11	8.32	8.42	31957	2.04
26	10.41	13.82	0.00	0.04	8.68	8.72	19407	2.37
27	10.79	15.32	0.00	0.06	8.77	8.82		2.03
28	11.14	15.05	0.00	0.10	9.43	9.52		2.08
29	10.66	14.34	0.00	0.07	9.50	9.57	23240	1.17
30	10.77	13.82	0.00	0.58	9.62	10.21	23959	1.23
Total (mg)	316.02		4.08	71.86	227.93	303.85	0.49	17.75
Average (mgd)	10.53	14.47	0.14	2.40	7.60	10.13	0.02	0.59
Maximum (mgd)	11.20	19.57	1.05	4.46	9.62	11.41	0.04	2.37
					% Difference	-3.85		

VVWRA
Flows per Month
2015

JULY

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	11.01	13.94	0.15	0.18	9.63	9.96	15559	1.05
2	11.14	14.86	0.14	0.03	9.63	9.80	17790	1.34
3	10.92	15.41	0.00	0.00	10.94	10.94	0	0.80
4	10.56	16.06	0.00	0.00	9.91	9.91		1.09
5	10.76	14.86	0.00	0.00	9.74	9.74		1.20
6	10.87	16.16	0.00	0.00	10.23	10.23	13134	0.86
7	10.95	13.81	0.10	2.71	7.41	10.22	23850	0.74
8	11.22	14.09	0.00	2.90	8.15	11.04	32869	0.60
9	10.91	14.02	0.10	2.98	7.19	10.27	20049	0.64
10	11.00	14.50	0.90	2.83	7.27	11.00	33272	0.00
11	11.27	15.66	0.00	3.25	7.76	11.01		1.23
12	11.60	15.14	0.67	2.91	6.63	10.21		1.39
13	9.78	14.05	0.00	2.81	6.28	9.09	25960	1.45
14	10.59	17.94	0.08	2.89	6.25	9.22	25809	1.37
15	11.09	13.62	0.00	3.30	6.84	10.14	27538	1.18
16	10.89	14.01	0.06	3.03	6.38	9.47	19588	1.42
17	11.16	14.34	0.00	3.17	7.41	10.58	41519	0.98
18	10.88	15.88	0.48	2.92	6.74	10.14		0.75
19	11.88	15.05	1.03	2.54	7.76	11.33		0.55
20	11.15	14.91	0.71	2.35	7.17	10.23	8860	0.92
21	12.61	19.37	3.25	2.59	5.77	11.61	32898	1.00
22	10.96	14.38	1.10	2.66	5.88	9.64	26181	1.32
23	10.98	14.55	1.84	2.75	5.07	9.66	26496	1.32
24	10.62	14.06	1.78	2.67	5.17	9.62	32044	1.00
25	10.39	14.77	0.00	2.94	6.64	9.59		1.09
26	10.05	14.53	0.03	2.45	6.37	8.85		1.20
27	10.42	13.55	0.31	2.88	5.54	8.74	33465	1.68
28	9.76	13.14	0.07	2.64	5.46	8.17	30398	1.59
29	10.31	14.27	0.00	2.70	5.90	8.61	32909	1.70
30	10.06	13.20	0.00	2.73	6.00	8.73	32319	1.64
31	9.84	13.26	0.00	2.74	5.84	8.57	30880	1.65
Total (mg)	335.63		12.80	70.55	222.96	306.32	0.58	34.75
Average (mgd)	10.83	14.75	0.41	2.28	7.19	9.88	0.03	1.12
Maximum (mgd)	12.61	19.37	3.25	3.30	10.94	11.61	0.04	1.70
					% Difference	-8.73		

VVWRA
Flows per Month
2015

AUGUST

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	9.74	13.72	0.00	2.67	5.60	8.27		1.58
2	10.54	14.68	0.64	2.67	5.65	8.96		1.58
3	10.14	13.51	0.00	2.77	6.38	9.14	35918	1.09
4	10.35	13.48	0.76	2.86	5.87	9.50	39865	0.85
5	11.28	13.41	1.56	2.80	5.84	10.21	41196	1.07
6	8.01	18.22	0.00	5.57	2.11	7.68	4159	1.76
7	11.32	18.78	2.13	4.22	4.73	11.09	40067	2.00
8	10.16	14.92	0.65	2.96	6.06	9.67		0.49
9	10.78	14.97	0.28	3.06	6.94	10.28		0.49
10	10.50	14.04	0.22	2.94	6.24	9.40	39998	1.10
11	10.27	14.22	0.00	2.49	6.46	8.95	10290	1.50
12	10.40	13.97	0.00	0.12	9.33	9.46	32994	1.29
13	10.18	17.03	0.00	0.57	8.61	9.18	37961	1.25
14	9.95	13.26	0.48	0.05	7.94	8.47	38563	1.48
15	10.50	14.89	0.00	2.98	5.98	8.96		1.62
16	10.79	14.92	0.00	3.32	5.36	8.69		2.14
17	9.88	14.08	0.09	3.24	4.60	7.94	32929	1.94
18	10.59	14.63	0.00	2.58	6.33	8.91	19796	1.96
19	10.32	14.46	0.00	1.96	7.85	9.82	29944	0.94
20	10.28	14.39	0.07	3.49	5.45	9.01	17988	1.27
21	10.20	12.91	0.00	3.63	5.90	9.52	33489	0.90
22	10.14	15.15	0.40	3.42	5.80	9.62		0.52
23	10.93	14.87	0.00	3.51	6.94	10.45		0.58
24	9.97	14.51	0.00	2.64	5.77	8.40	26440	1.59
25	10.12	14.29	0.00	0.18	8.75	8.93	18988	1.49
26	10.13	13.96	0.17	1.48	6.88	8.53	25619	1.60
27	10.15	14.12	0.49	3.04	4.51	8.04	12869	2.11
28	10.11	12.63	0.00	3.68	5.14	8.82	39219	1.70
29	10.08	15.37	0.03	3.52	4.80	8.36		1.73
30	10.65	18.79	0.20	3.63	5.54	9.37		1.28
31	10.30	14.42	0.04	3.57	4.78	8.39	17659	1.91
Total (mg)	318.76		8.21	85.62	188.14	282.02	0.60	42.81
Average (mgd)	10.28	14.73	0.26	2.76	6.07	9.10	0.03	1.38
Maximum (mgd)	11.32	18.79	2.13	5.57	9.33	11.09	0.04	2.14
					% Difference	-11.53		

VVWRA
Flows per Month
2015

SEPTEMBER

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	10.28	14.00	0.00	3.67	5.06	8.73	23796	1.99
2	10.50	18.17	0.00	3.93	3.79	7.72	21390	2.94
3	10.36	13.99	0.00	3.56	4.39	7.95	25888	2.48
4	10.12	13.30	0.24	3.47	5.10	8.81	29138	1.31
5	10.33	15.28	0.12	3.74	5.35	9.21		1.12
6	9.97	14.81	0.00	3.51	5.32	8.83		1.31
7	10.94	16.31	1.15	3.48	4.67	9.30		1.64
8	10.69	17.75	2.17	4.31	4.14	10.62	20519	0.07
9	10.70	14.31	0.00	2.96	7.86	10.82	24090	0.02
10	10.14	14.04	0.03	4.50	5.58	10.11	30675	0.02
11	10.57	14.36	0.00	4.59	6.23	10.82	35218	0.09
12	9.91	14.87	0.26	3.81	5.82	9.89		0.03
13	10.59	14.95	0.44	3.97	6.18	10.59		0.00
14	10.43	14.62	1.35	3.81	5.26	10.41	22529	0.02
15	10.48	14.60	0.13	4.10	6.23	10.46	29718	0.15
16	10.53	14.41	0.00	4.18	6.41	10.58	29718	0.02
17	10.42	13.94	0.34	4.02	6.03	10.39	17823	0.03
18	10.51	13.16	0.00	4.27	6.69	10.96	41788	0.04
19	10.18	15.45	0.27	3.95	5.95	10.17		0.02
20	10.46	15.27	0.55	3.55	6.37	10.46		0.00
21	10.31	12.68	1.29	3.63	5.35	10.27	34588	0.04
22	10.32	14.38	0.00	3.81	7.29	11.10	18529	0.03
23	10.34	14.30	0.78	3.31	6.24	10.33	14280	0.02
24	10.07	14.03	0.48	3.45	6.07	10.00	27798	0.07
25	10.19	12.97	0.00	3.63	6.79	10.42	27590	0.04
26	10.16	15.17	0.20	3.42	6.51	10.13		0.02
27	9.97		0.07	3.46	6.44	9.97		
28	10.69	18.89	0.46	4.55	4.20	9.21	21729	1.47
29	10.40	14.53	0.04	4.24	5.16	9.44	29205	0.96
30	10.16	14.23	0.15	4.02	5.17	9.33	10300	0.83
Total (mg)	310.72		10.52	114.90	171.65	297.03	0.54	16.78
Average (mgd)	10.36	14.79	0.35	3.83	5.72	9.90	0.03	0.58
Maximum (mgd)	10.94	18.89	2.17	4.59	7.86	11.10	0.04	2.94
					% Difference	-4.41		

VVWRA
Flows per Month
2015

OCTOBER

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	10.25	14.11	0.00	4.11	5.28	9.39	31619	0.87
2	10.35	13.31	0.22	4.13	4.90	9.25	35174	1.10
3	10.19	15.34	0.21	3.93	4.93	9.07		1.12
4	10.65	15.37	0.76	3.88	5.13	9.77		0.88
5	10.52	14.62	0.41	3.42	5.37	9.20	19338	1.32
6	10.48	14.37	0.00	3.62	5.73	9.35	30019	1.29
7	10.15	14.08	0.29	3.52	5.19	9.01	17119	1.14
8	7.44	13.89	0.00	3.68	5.49	9.17	35174	1.05
9	10.38	13.23	0.00	4.22	5.25	9.47	26198	1.72
10	9.84	15.26	0.61	2.97	4.91	8.49		1.34
11	10.15	14.95	0.00	3.64	5.49	9.13		1.13
12	10.72	14.57	0.42	3.62	5.16	9.20	36178	1.53
13	9.95	13.83	0.00	3.53	5.05	8.58	17929	1.52
14	10.57	14.14	3.46	6.10	0.87	10.43	29378	0.14
15	10.11	13.83	2.62	3.53	2.88	9.03	30517	1.09
16	10.42	13.55	0.00	2.81	6.64	9.45	39227	1.41
17	10.41	15.62	0.20	3.24	5.67	9.10		1.31
18	11.28	15.60	0.19	3.65	6.04	9.87		1.41
19	10.27	15.76	0.02	3.47	5.60	9.09	29229	1.17
20	10.42	14.49	0.77	2.21	6.14	9.12	23475	1.30
21	10.65	14.23	0.00	4.46	4.87	9.33	21229	1.44
22	10.11	14.44	0.90	2.95	5.82	9.67	15867	0.44
23	10.48	13.56	0.48	3.51	5.30	9.28	45024	1.20
24	10.44	16.43	0.43	3.37	5.76	9.56		0.89
25	10.57	15.36	0.97	4.01	4.82	9.80		0.77
26	10.59	14.49	0.81	3.72	4.66	9.19	33457	1.40
27	10.46	14.41	0.00	3.77	5.06	8.83	25150	1.69
28	10.22	13.97	0.00	3.81	6.59	10.40	24597	0.38
29	10.08	14.09	1.50	3.08	5.11	9.69	12369	0.39
30	10.29	13.59	0.36	3.69	5.67	9.71	32119	0.57
31	10.37	16.33	0.14	3.60	6.12	9.86		0.51
Total (mg)	318.81		15.77	113.25	161.50	290.49	0.61	33.52
Average (mgd)	10.28	14.54	0.51	3.65	5.21	9.37	0.03	1.08
Maximum (mgd)	11.28	16.43	3.46	6.10	6.64	10.43	0.05	1.72
					% Difference	-8.88		

VVWRA
Flows per Month
2015

NOVEMBER

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	11.30	15.39	0.61	3.77	6.38	10.75		0.54
2	10.28	13.98	1.34	3.29	4.61	9.24	29378	1.03
3	10.22	14.33	0.17	3.55	6.06	9.78	28898	0.44
4	10.43	14.60	0.89	3.49	6.03	10.41	12369	0.02
5	10.73	18.01	0.60	3.62	6.15	10.37	19497	0.36
6	10.79	14.08	0.50	3.88	6.04	10.42	30559	0.37
7	10.47	15.91	0.81	3.44	6.22	10.47		0.00
8	10.96	16.03	0.43	3.43	7.07	10.93		0.03
9	10.68	14.37	0.18	3.55	6.94	10.68	21097	0.00
10	10.23	13.29	0.45	3.45	6.31	10.21	33430	0.02
11	10.91	15.09	1.02	3.57	6.27	10.87		0.04
12	10.70	14.35	0.39	3.61	6.66	10.67	18929	0.03
13	10.24	13.52	0.94	3.40	5.89	10.22	24944	0.02
14	10.44	15.93	0.67	3.50	6.25	10.42		0.02
15	10.96	15.65	3.73	7.10	0.12	10.96		0.00
16	10.84	14.57	2.05	4.19	4.60	10.84	27119	0.00
17	10.56	14.60	0.14	2.60	7.80	10.54	26475	0.01
18	10.46	14.35	0.66	3.95	4.74	9.36	31519	1.10
19	10.53	13.90	0.25	3.85	6.42	10.51	42417	0.02
20	10.23	13.28	1.17	3.76	5.06	9.98	26659	0.25
21	10.58	15.91	0.73	4.06	5.78	10.58		0.00
22	10.65	15.54	0.36	3.61	6.39	10.35		0.30
23	10.72	14.31	0.93	4.51	4.96	10.40	31298	0.61
24	10.42	14.38	0.76	3.51	6.16	10.42	34644	0.00
25	11.14	15.03	0.50	3.79	6.83	11.12	40006	0.02
26	10.73	17.82	0.31	3.74	6.68	10.73	0	0.00
27	10.29	14.99	0.76	3.48	6.00	10.23	0	0.05
28	10.99	16.18	0.64	3.78	6.53	10.94		0.04
29	10.87	15.97	1.43	3.28	6.16	10.87		
30	10.68	14.62	1.06	3.48	6.11	10.65	20329	0.03
Total (mg)	319.03		24.48	112.24	177.22	313.92	0.50	5.35
Average (mgd)	10.63	15.00	0.82	3.74	5.91	10.46	0.02	0.18
Maximum (mgd)	11.30	18.01	3.73	7.10	7.80	11.12	0.04	1.10
					% Difference	-1.60		

VVWRA
Flows per Month
2015

DECEMBER

Date	Influent Flow (mgd)	Influent Peak (mgd)	North Percolation Pond Flow (mgd)	South Percolation Pond Flow (mgd)	Mojave Effluent (MGD)	Sum of Discharged Flows (mgd)	Septage Flow (gpd)	Reclaimed Flow to SCLA (mgd) (MGD)
1	10.78	14.47	1.11	3.48	6.16	10.75	26150	0.03
2	10.45	14.18	1.12	4.61	4.72	10.45	18929	0.00
3	10.18	14.19	0.52	3.54	5.39	9.46	12460	0.73
4	10.48	14.19	0.01	3.83	6.31	10.15	32578	0.33
5	10.55	15.60	0.36	3.69	6.10	10.15		0.40
6	10.93	15.71	0.85	2.98	6.67	10.49		0.43
7	10.61	14.04	0.39	3.03	6.20	9.63	23298	0.97
8	10.45	14.86	0.00	3.04	6.74	9.78	39450	0.72
9	10.26	14.04	0.47	2.92	6.42	9.81	27898	0.44
10	10.27	13.74	0.42	3.22	6.61	10.26	30897	0.02
11	10.36	13.48	0.71	2.96	6.64	10.31	36005	0.05
12	10.60	16.14	0.92	2.98	6.70	10.60		0.00
13	11.16	15.76	2.76	5.02	3.38	11.16		0.00
14	10.78	14.37	2.08	5.21	3.48	10.78	33443	0.00
15	10.68	14.48	0.72	3.49	6.46	10.67	24150	0.02
16	10.51	14.09	1.12	4.04	4.80	9.96	12829	0.56
17	10.42	13.50	2.30	5.98	1.53	9.80	9969	0.62
18	10.59	13.10	2.02	5.28	2.36	9.66	33319	0.93
19	10.71	15.92	0.34	4.15	6.22	10.71		0.00
20	10.56	15.43	0.37	4.04	6.15	10.56		0.00
21	10.37	14.65	0.46	4.10	5.19	9.74	21599	0.63
22	10.37	14.21	2.01	2.87	5.16	10.03	43088	0.34
23	10.30	15.08	0.92	4.20	4.69	9.80	31950	0.49
24	11.13	16.95	0.43	3.88	6.80	11.11	0	0.02
25	9.89	14.89	0.00	3.78	6.53	10.31	0	0.00
26	11.14	17.93	2.09	3.65	5.39	11.14		0.00
27	11.06	15.81	0.85	4.02	6.17	11.04		0.02
28	10.55	14.04	2.56	4.48	2.87	9.91	23729	0.64
29	10.83	14.99	1.09	3.80	5.30	10.20	37665	0.63
30	10.92	15.14	0.63	4.09	5.61	10.33	34650	0.59
31	11.36	16.27	1.40	3.91	5.04	10.36	0	1.00
Total (mg)	329.25		31.03	120.27	167.79	319.11	0.55	10.61
Average (mgd)	10.62	14.88	1.00	3.88	5.41	10.29	0.02	0.34
Maximum (mgd)	11.36	17.93	2.76	5.98	6.80	11.16	0.04	1.00
					% Difference	-3.08		

SECTION 3

2015

FREEBOARD LEVELS PER MONTH

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 1/1/2015 - 1/31/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
1/1/2015	0.07	4.1	10.9	0.07	4.0	11.0	0.07	9.4	5.6	0.00	7.3	4.7	0.00
1/2/2015	0.00	4.2	10.8	0.00	4.0	11.0	0.00	9.6	5.4	0.00	7.3	4.7	0.00
1/3/2015	0.00	4.3	10.7	0.00	3.9	11.1	0.00	9.6	5.4	0.00	7.3	4.7	0.00
1/4/2015	0.00	4.0	11.0	0.00	3.9	11.1	0.00	9.5	5.5	0.00	7.5	4.5	0.00
1/5/2015	0.00	4.1	10.9	0.00	3.9	11.1	0.00	9.6	5.4	0.00	7.4	4.6	0.00
1/6/2015	0.28	4.3	10.7	0.28	3.0	12.0	0.28	9.7	5.3	0.00	7.5	4.5	0.00
1/7/2015	0.00	4.5	10.5	0.00	4.4	10.6	0.00	10.0	5.0	0.00	7.4	4.6	0.00
1/8/2015	0.00	4.5	10.5	0.00	4.4	10.6	0.00	10.0	5.0	0.00	7.4	4.6	0.00
1/9/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	10.5	4.5	0.00	7.4	4.6	0.00
1/10/2015	0.00	4.9	10.1	0.00	4.7	10.3	0.00	10.4	4.6	0.00	7.5	4.5	0.00
1/11/2015	0.00	4.8	10.2	0.00	4.7	10.3	0.00	10.3	4.7	0.00	7.5	4.5	0.00
1/12/2015	0.00	4.8	10.2	0.00	4.7	10.3	0.00	10.3	4.7	0.00	7.6	4.4	0.00
1/13/2015	0.00	4.8	10.2	0.00	4.7	10.3	0.00	10.3	4.7	0.00	7.4	4.6	0.00
1/14/2015	0.00	4.8	10.2	0.00	4.7	10.3	0.00	10.3	4.7	0.00	7.5	4.5	0.00
1/15/2015	0.00	4.8	10.2	0.00	4.7	10.3	0.00	10.3	4.7	0.00	7.5	4.5	0.00
1/16/2015	0.00	5.0	10.0	0.00	4.9	10.1	0.00	10.6	4.4	0.00	7.6	4.4	0.00
1/17/2015	0.00	5.2	9.8	0.00	5.0	10.0	0.00	10.5	4.5	0.00	7.7	4.3	0.00
1/18/2015	0.00	5.2	9.8	0.00	5.0	10.0	0.00	10.7	4.3	0.00	7.7	4.3	0.00
1/19/2015	0.00	5.2	9.8	0.00	5.1	9.9	0.00	10.7	4.3	0.00	7.5	4.5	0.00
1/20/2015	0.00	5.0	10.0	0.00	5.0	10.0	0.00	10.7	4.3	0.00	7.4	4.6	0.00
1/21/2015	0.00	5.0	10.0	0.00	4.9	10.1	0.00	10.6	4.4	0.00	7.5	4.5	0.00
1/22/2015	0.00	5.0	10.0	0.00	4.9	10.1	0.00	10.6	4.4	0.00	7.5	4.5	0.00
1/23/2015	0.00	5.0	10.0	0.00	4.9	10.1	0.00	10.5	4.5	0.00	7.5	4.5	0.00
1/24/2015	0.00	5.0	10.0	0.00	4.9	10.1	0.00	10.5	4.5	0.00	7.5	4.5	0.00
1/25/2015	0.00	4.7	10.3	0.00	4.8	10.2	0.00	10.4	4.6	0.00	7.5	4.5	0.00
1/26/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	10.9	4.1	0.00	7.5	4.5	0.00
1/27/2015	0.00	4.9	10.1	0.00	4.7	10.3	0.00	10.4	4.6	0.00	7.5	4.5	0.00
1/28/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	10.4	4.6	0.00	7.5	4.5	0.00
1/29/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	10.6	4.4	0.00	7.4	4.6	0.00
1/30/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	10.5	4.5	0.00	7.4	4.6	0.00
1/31/2015	0.00	4.9	10.1	0.00	4.7	10.3	0.00	10.4	4.6	0.00	7.5	4.5	0.00
Sum	0.35	148.0	317.0	0.35	142.5	322.5	0.35	318.8	146.2	0.00	231.7	140.3	0.00
Avg	0.01	4.8	10.2	0.01	4.6	10.4	0.01	10.3	4.7	0.00	7.5	4.5	0.00
Max	0.28	5.2	11.0	0.28	5.1	12.0	0.28	10.9	5.6	0.00	7.7	4.7	0.00
Min	0.00	4.0	9.8	0.00	3.0	9.9	0.00	9.4	4.1	0.00	7.3	4.3	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 1/1/2015 - 1/31/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
1/1/2015	3.9	9.1	0.00	1.3	9.7	0.00	0.4	5.6	0.00	2.3	3.7		
1/2/2015	3.9	9.1	0.00	1.3	9.7	0.00	0.0	6.0	0.00	0.0	6.0		
1/3/2015	3.9	9.1	0.00	1.3	9.7	0.00	0.0	6.0	7.59	0.0	6.0		
1/4/2015	3.9	9.1	0.00	1.5	9.5	0.00	0.0	6.0	0.00	1.4	4.6		
1/5/2015	4.0	9.0	0.00	1.5	9.5	5.22	0.0	6.0	5.22	0.0	6.0		
1/6/2015	4.0	9.0	0.00	1.4	9.6	3.30	1.5	4.5	0.00	2.6	3.4		
1/7/2015	4.0	9.0	0.00	1.4	9.6	0.00	1.4	4.6	0.00	2.4	3.6		
1/8/2015	4.0	9.0	0.00	1.2	9.8	0.00	1.3	4.7	0.00	2.1	3.9		
1/9/2015	4.0	9.0	0.00	1.2	9.8	0.00	0.0	6.0	3.35	0.4	5.6		
1/10/2015	4.0	9.0	0.00	1.4	9.6	6.45	0.0	6.0	0.00	1.4	4.6		
1/11/2015	4.0	9.0	0.00	1.3	9.7	0.00	2.4	3.6	5.74	0.0	6.0		
1/12/2015	4.0	9.0	0.00	1.2	9.8	2.96	0.5	5.5	0.00	3.3	2.7		
1/13/2015	4.0	9.0	0.00	1.1	9.9	3.42	1.1	4.9	3.42	1.1	4.9		
1/14/2015	4.7	8.3	0.00	1.3	9.7	0.00	1.7	4.3	0.00	2.3	3.7		
1/15/2015	4.7	8.3	0.00	1.5	9.5	0.00	0.0	6.0	0.00	0.1	5.9		
1/16/2015	4.7	8.3	0.00	1.1	9.9	3.58	0.0	6.0	3.58	0.0	6.0		
1/17/2015	4.2	8.8	0.00	1.3	9.7	0.00	0.0	6.0	0.00	1.7	4.3		
1/18/2015	4.2	8.8	0.00	1.3	9.7	1.94	0.0	6.0	1.94	0.0	6.0		
1/19/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.0	6.0	0.00	0.8	5.2		
1/20/2015	4.7	8.3	0.00	1.4	9.6	5.80	0.0	6.0	0.00	0.0	6.0		
1/21/2015	4.7	8.3	0.00	1.4	9.6	0.00	2.0	4.0	4.64	0.0	6.0		
1/22/2015	4.7	8.3	0.00	1.5	9.5	2.95	0.0	6.0	0.00	1.6	4.4		
1/23/2015	4.7	8.3	0.00	1.5	9.5	0.00	0.4	5.4	4.53	0.0	6.0		
1/24/2015	4.7	8.3	0.00	1.4	9.6	0.00	0.0	6.0	0.00	1.8	4.2		
1/25/2015	4.8	8.2	0.00	1.4	9.6	0.00	0.0	6.0	0.00	0.0	6.0		
1/26/2015	4.8	8.2	0.00	1.2	9.8	6.43	0.0	6.0	0.00	0.0	6.0		
1/27/2015	4.8	8.2	0.00	1.3	9.7	0.00	2.3	3.7	6.80	0.0	6.0		
1/28/2015	4.8	8.2	0.00	1.2	9.8	3.49	0.0	6.0	0.00	2.6	3.4		
1/29/2015	5.0	8.0	0.00	1.2	9.8	0.00	1.0	5.0	0.00	0.3	5.7		
1/30/2015	5.0	8.0	0.00	1.3	9.7	0.00	0.0	6.0	0.00	0.0	6.0		
1/31/2015	5.0	8.0	0.00	1.2	9.8	0.00	0.0	6.0	0.00	0.0	6.0		
Sum	136.6	266.4	0.00	40.8	300.2	45.53	16.0	169.8	46.81	28.2	157.8		
Avg	4.4	8.6	0.00	1.3	9.7	1.47	0.5	5.5	1.51	0.9	5.1		
Max	5.0	9.1	0.00	1.5	9.9	6.45	2.4	6.0	7.59	3.3	6.0		
Min	3.9	8.0	0.00	1.1	9.5	0.00	0.0	3.6	0.00	0.0	2.7		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 1/1/2015 - 1/31/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
1/1/2015		0.00	0.0	6.0	3.38	0.0	2.5	3.38	0.0	2.5	0.00	0.0	2.5
1/2/2015		0.00	0.0	6.0	0.00	1.6	2.5	0.00	2.3	2.5	4.98	0.0	2.5
1/3/2015		0.00	0.0	6.0	0.00	1.2	2.5	0.00	0.9	2.5	0.00	2.2	2.5
1/4/2015		0.00	0.0	6.0	3.33	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/5/2015		0.00	0.0	6.0	0.00	2.1	2.5	0.00	2.0	2.5	0.00	0.0	2.5
1/6/2015		3.30	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/7/2015		0.00	1.4	4.6	7.44	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/8/2015		0.00	0.4	5.6	3.58	0.7	2.5	3.58	0.0	2.5	0.00	0.0	2.5
1/9/2015		3.35	0.4	5.6	0.00	1.8	2.5	0.00	2.2	2.5	0.00	0.0	2.5
1/10/2015		0.00	1.5	4.5	0.00	0.5	2.5	0.00	1.2	2.5	0.00	0.0	2.5
1/11/2015		0.00	0.5	5.5	0.00	0.5	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/12/2015		2.96	0.5	5.5	0.00	0.3	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/13/2015		0.00	2.1	3.9	0.00	0.3	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/14/2015		0.00	0.8	5.2	6.09	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/15/2015		0.00	0.5	5.5	0.00	2.6	2.5	4.95	0.0	2.5	0.00	0.0	2.5
1/16/2015		3.58	0.0	6.0	0.00	1.3	2.5	0.00	1.8	2.5	0.00	1.3	2.5
1/17/2015		0.00	1.7	4.3	1.98	0.3	2.5	1.98	1.0	2.5	1.98	0.0	2.5
1/18/2015		0.00	0.7	5.3	0.00	1.1	2.5	0.00	1.6	2.5	1.94	1.1	2.5
1/19/2015		0.00	0.4	5.6	3.19	0.4	2.5	3.19	0.8	2.5	0.00	0.9	2.5
1/20/2015		0.00	0.0	6.0	0.00	2.1	2.5	0.00	1.4	2.5	0.00	0.0	2.5
1/21/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/22/2015		2.95	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/23/2015		0.00	1.7	4.3	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/24/2015		0.00	0.7	5.3	2.58	0.0	2.5	2.58	0.0	2.5	0.00	0.0	2.5
1/25/2015		0.00	1.8	4.2	0.00	0.0	2.5	0.00	0.0	2.5	5.88	0.0	2.5
1/26/2015		0.00	0.5	5.5	0.00	0.0	2.5	0.00	0.0	2.5	0.00	1.8	2.5
1/27/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/28/2015		3.49	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
1/29/2015		0.00	2.0	4.0	0.00	0.0	2.5	0.00	0.0	2.5	4.73	0.0	2.5
1/30/2015		0.00	0.9	5.1	5.30	0.0	2.5	0.00	0.0	2.5	0.00	2.3	2.5
1/31/2015		0.00	0.6	5.4	0.00	2.4	2.5	0.00	0.0	2.5	4.56	0.8	2.5
Sum		19.63	19.1	166.9	36.87	19.0	77.5	19.66	15.1	77.5	24.07	10.4	77.5
Avg		0.63	0.6	5.4	1.19	0.6	2.5	0.63	0.5	2.5	0.78	0.3	2.5
Max		3.58	2.1	6.0	7.44	2.6	2.5	4.95	2.3	2.5	5.88	2.3	2.5
Min		0.00	0.0	3.9	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 2/1/2015 - 2/28/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
2/1/2015	0.00	4.9	10.1	0.00	4.7	10.3	0.00	10.3	4.7	0.00	7.5	4.5	0.00
2/2/2015	0.00	4.8	10.2	0.00	4.7	10.3	0.00	10.3	4.7	0.00	7.5	4.5	0.00
2/3/2015	0.00	4.7	10.3	0.00	4.7	10.3	0.00	10.3	4.7	0.00	7.5	4.5	0.00
2/4/2015	0.00	4.7	10.3	0.00	4.7	10.3	0.00	10.3	4.7	0.00	7.5	4.5	0.00
2/5/2015	0.00	4.7	10.3	0.00	4.7	10.3	0.00	10.2	4.8	0.00	7.5	4.5	0.00
2/6/2015	0.00	4.7	10.3	0.00	4.6	10.4	0.00	10.2	4.8	0.00	7.5	4.5	0.00
2/7/2015	0.00	4.7	10.3	0.00	4.6	10.4	0.00	10.2	4.8	0.00	7.5	4.5	0.00
2/8/2015	0.00	4.7	10.3	0.00	4.6	10.4	0.00	10.2	4.8	0.00	7.6	4.4	0.00
2/9/2015	0.00	4.7	10.3	0.00	4.6	10.4	0.00	10.2	4.8	0.00	7.6	4.4	0.00
2/10/2015	0.00	4.7	10.3	0.00	4.5	10.5	0.00	10.0	5.0	0.00	7.5	4.5	0.00
2/11/2015	0.00	4.6	10.4	0.00	4.5	10.5	0.00	10.0	5.0	0.00	7.6	4.4	0.00
2/12/2015	0.00	4.6	10.4	0.00	4.5	10.5	0.00	9.9	5.1	0.00	7.6	4.4	0.00
2/13/2015	0.00	4.6	10.4	0.00	4.5	10.5	0.00	9.9	5.1	0.00	7.6	4.4	0.00
2/14/2015	0.00	4.5	10.5	0.00	4.4	10.6	0.00	9.9	5.1	0.00	7.6	4.4	0.00
2/15/2015	0.00	4.6	10.4	0.00	4.6	10.4	0.00	9.9	5.1	0.00	7.5	4.5	0.00
2/16/2015	0.00	4.5	10.5	0.00	4.1	10.9	0.00	9.8	5.2	0.00	7.5	4.5	0.00
2/17/2015	0.00	4.6	10.4	0.00	4.1	10.9	0.00	9.8	5.2	0.00	7.5	4.5	0.00
2/18/2015	0.00	4.6	10.4	0.00	4.1	10.9	0.00	9.8	5.2	0.00	7.5	4.5	0.00
2/19/2015	0.00	4.3	10.7	0.00	4.1	10.9	0.00	9.7	5.3	0.00	7.5	4.5	0.00
2/20/2015	0.00	4.3	10.7	0.00	4.1	10.9	0.00	9.7	5.3	0.00	7.5	4.5	0.00
2/21/2015	0.00	4.3	10.7	0.00	4.0	11.0	0.00	9.7	5.3	0.00	7.5	4.5	0.00
2/22/2015	0.00	4.0	11.0	0.00	4.0	11.0	0.00	9.6	5.4	0.00	7.4	4.6	0.00
2/23/2015	0.00	4.2	10.8	0.00	4.0	11.0	0.00	9.7	5.3	0.00	7.4	4.6	0.00
2/24/2015	0.00	4.0	11.0	0.00	4.0	11.0	0.00	9.5	5.5	0.00	7.5	4.5	0.00
2/25/2015	0.00	4.0	11.0	0.00	3.9	11.1	0.00	9.5	5.5	0.00	7.5	4.5	0.00
2/26/2015	0.00	4.0	11.0	0.00	3.9	11.1	0.00	9.5	5.5	0.00	7.5	4.5	0.00
2/27/2015	0.00	4.0	11.0	0.00	3.9	11.1	0.00	9.5	5.5	0.00	7.5	4.5	0.00
2/28/2015	0.00	4.0	11.0	0.00	3.9	11.1	0.00	9.5	5.5	0.00	7.5	4.5	0.00
Sum	0.00	125.0	295.0	0.00	121.0	299.0	0.00	277.0	142.9	0.00	210.4	125.6	0.00
Avg	0.00	4.5	10.5	0.00	4.3	10.7	0.00	9.9	5.1	0.00	7.5	4.5	0.00
Max	0.00	4.9	11.0	0.00	4.7	11.1	0.00	10.3	5.5	0.00	7.6	4.6	0.00
Min	0.00	4.0	10.1	0.00	3.9	10.3	0.00	9.5	4.7	0.00	7.4	4.4	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 2/1/2015 - 2/28/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
2/1/2015	5.0	8.0	0.00	1.3	9.7	6.57	0.0	6.0	0.00	0.0	6.0		
2/2/2015	5.0	8.0	0.00	1.3	9.7	0.00	2.1	3.9	6.13	0.0	6.0		
2/3/2015	5.0	8.0	0.00	1.2	9.8	0.00	0.0	6.0	3.04	1.9	4.1		
2/4/2015	5.0	8.0	0.00	1.3	9.7	0.00	0.0	6.0	0.00	1.8	4.2		
2/5/2015	5.0	8.0	0.00	1.2	9.8	0.00	0.0	6.0	0.00	0.0	6.0		
2/6/2015	5.0	8.0	0.00	1.3	9.7	4.59	0.0	6.0	0.00	0.0	6.0		
2/7/2015	5.0	8.0	0.00	1.3	9.7	0.00	0.7	5.3	4.57	0.0	6.0		
2/8/2015	5.0	8.0	0.00	0.9	10.1	0.00	0.0	6.0	0.00	1.2	4.8		
2/9/2015	5.0	8.0	0.00	1.3	9.7	2.95	0.0	6.0	2.95	0.0	6.0		
2/10/2015	5.1	7.9	0.00	1.2	9.8	2.62	0.0	6.0	2.63	0.9	5.1		
2/11/2015	5.0	8.0	0.00	1.2	9.8	2.02	0.0	6.0	0.00	1.6	4.4		
2/12/2015	5.0	8.0	0.00	1.1	9.9	0.00	0.1	5.9	0.00	0.0	6.0		
2/13/2015	5.0	8.0	0.00	1.3	9.7	3.26	0.0	6.0	3.26	0.0	6.0		
2/14/2015	5.0	8.0	0.00	1.2	9.8	0.00	0.3	5.7	0.00	1.2	4.8		
2/15/2015	5.0	8.0	0.00	1.2	9.8	4.72	0.0	6.0	0.00	0.0	6.0		
2/16/2015	5.0	8.0	0.00	1.4	9.6	0.00	1.8	4.2	5.36	0.0	6.0		
2/17/2015	5.0	8.0	0.00	1.4	9.6	2.94	0.0	6.0	0.00	1.6	4.4		
2/18/2015	5.0	8.0	0.00	1.6	9.4	0.00	0.5	5.5	0.00	0.0	6.0		
2/19/2015	5.0	8.0	0.00	1.5	9.5	4.76	0.0	6.0	4.76	0.0	6.0		
2/20/2015	5.0	8.0	0.00	1.5	9.5	0.00	1.3	4.7	0.00	2.0	4.0		
2/21/2015	5.0	8.0	0.00	1.3	9.7	0.00	0.1	5.9	0.00	0.5	5.5		
2/22/2015	5.0	8.0	0.00	1.4	9.6	5.32	0.0	6.0	0.00	0.0	6.0		
2/23/2015	5.0	8.0	0.00	1.4	9.6	0.00	1.8	4.2	3.51	0.0	6.0		
2/24/2015	4.5	8.5	0.00	1.2	9.8	0.00	0.0	6.0	0.00	0.4	5.6		
2/25/2015	4.5	8.5	0.00	1.3	9.7	0.00	0.0	6.0	0.00	0.0	6.0		
2/26/2015	4.5	8.5	0.00	1.6	9.4	3.99	0.0	6.0	0.00	0.0	6.0		
2/27/2015	4.5	8.5	0.00	1.3	9.7	0.00	0.5	5.5	2.45	0.0	6.0		
2/28/2015	4.5	8.5	0.00	1.2	9.8	0.00	0.0	6.0	0.00	0.0	6.0		
Sum	137.6	226.4	0.00	36.5	271.6	43.74	9.1	158.8	38.66	13.2	154.9		
Avg	4.9	8.1	0.00	1.3	9.7	1.56	0.3	5.7	1.38	0.5	5.5		
Max	5.1	8.5	0.00	1.6	10.1	6.57	2.1	6.0	6.13	2.0	6.0		
Min	4.5	7.9	0.00	0.9	9.4	0.00	0.0	3.9	0.00	0.0	4.0		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 2/1/2015 - 2/28/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
2/1/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	2.2	2.5
2/2/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/3/2015		3.04	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/4/2015		0.00	1.7	4.3	4.85	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/5/2015		0.00	0.8	5.2	0.00	2.2	2.5	0.00	0.0	2.5	4.29	0.0	2.5
2/6/2015		0.00	0.5	5.5	0.00	0.7	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/7/2015		0.00	0.4	5.6	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/8/2015		5.21	0.3	5.7	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/9/2015		0.00	2.5	3.5	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/10/2015		0.00	1.0	5.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/11/2015		3.11	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/12/2015		0.00	1.4	4.6	2.49	0.0	2.5	2.49	0.0	2.5	0.00	0.0	2.5
2/13/2015		0.00	1.0	5.0	0.00	0.9	2.5	0.00	1.2	2.5	0.00	0.0	2.5
2/14/2015		0.00	0.7	5.3	2.64	0.0	2.5	2.64	0.6	2.5	0.00	0.0	2.5
2/15/2015		0.00	0.0	6.0	0.00	1.1	2.5	0.00	1.7	2.5	0.00	0.0	2.5
2/16/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.5	2.5	0.00	0.0	2.5
2/17/2015		2.94	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/18/2015		0.00	1.7	4.3	0.00	0.2	2.5	0.00	0.0	2.5	5.16	0.0	2.5
2/19/2015		0.00	0.8	5.2	0.00	0.0	2.5	0.00	0.0	2.5	0.00	1.6	2.5
2/20/2015		5.42	0.6	5.4	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/21/2015		0.00	2.3	3.7	2.12	0.0	2.5	2.12	0.0	2.5	0.00	0.0	2.5
2/22/2015		0.00	0.9	5.1	0.00	0.9	2.5	0.00	1.5	2.5	0.00	0.0	2.5
2/23/2015		3.51	0.9	5.1	0.00	0.0	2.5	0.00	0.7	2.5	0.00	0.0	2.5
2/24/2015		0.00	1.9	4.1	5.18	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/25/2015		0.00	1.0	5.0	0.00	2.5	2.5	0.00	0.0	2.5	4.95	0.0	2.5
2/26/2015		0.00	0.6	5.4	0.00	0.8	2.5	0.00	0.0	2.5	0.00	2.0	2.5
2/27/2015		2.45	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
2/28/2015		0.00	1.0	5.0	2.29	0.0	2.5	2.29	0.0	2.5	0.00	0.0	2.5
Sum		25.68	21.9	146.0	19.57	9.4	70.0	9.54	6.2	70.0	14.40	5.8	70.0
Avg		0.92	0.8	5.2	0.70	0.3	2.5	0.34	0.2	2.5	0.51	0.2	2.5
Max		5.42	2.5	6.0	5.18	2.5	2.5	2.64	1.7	2.5	5.16	2.2	2.5
Min		0.00	0.0	3.5	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 3/1/2015 - 3/31/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
3/1/2015	0.00	3.9	11.1	0.00	3.8	11.2	0.00	9.5	5.5	0.00	7.5	4.5	0.00
3/2/2015	0.00	4.0	11.0	0.00	3.8	11.2	0.00	9.5	5.5	0.00	7.5	4.5	0.00
3/3/2015	0.00	3.9	11.1	0.00	3.8	11.2	0.00	9.5	5.5	0.00	7.5	4.5	0.00
3/4/2015	0.00	3.9	11.1	0.00	3.8	11.2	0.00	9.4	5.6	0.00	7.5	4.5	0.00
3/5/2015	0.00	3.9	11.1	0.00	3.7	11.3	0.00	9.4	5.6	0.00	7.5	4.5	0.00
3/6/2015	0.00	3.9	11.1	0.00	3.7	11.3	0.00	9.4	5.6	0.00	7.5	4.5	0.00
3/7/2015	0.00	3.9	11.1	0.00	3.7	11.3	0.00	9.4	5.6	0.00	7.5	4.5	0.00
3/8/2015	0.00	3.8	11.2	0.00	3.7	11.3	0.00	9.3	5.7	0.00	7.5	4.5	0.00
3/9/2015	0.00	3.8	11.2	0.00	3.7	11.3	0.00	9.3	5.7	0.00	7.5	4.5	0.00
3/10/2015	0.00	3.8	11.2	0.00	3.7	11.3	0.00	9.3	5.7	0.00	7.5	4.5	0.00
3/11/2015	0.00	3.9	11.1	0.00	3.7	11.3	0.00	9.0	6.0	0.00	7.5	4.5	0.00
3/12/2015	0.00	3.8	11.2	0.00	3.7	11.3	0.00	9.2	5.8	0.00	7.5	4.5	0.00
3/13/2015	0.19	3.8	11.2	0.19	3.7	11.3	0.19	9.2	5.8	0.00	7.5	4.5	0.00
3/14/2015	0.42	4.5	10.5	0.42	4.1	10.9	0.42	9.8	5.2	0.00	7.5	4.5	0.00
3/15/2015	0.41	4.8	10.2	0.41	4.9	10.1	0.41	10.5	4.5	0.00	5.5	6.5	0.00
3/16/2015	0.34	5.6	9.4	0.34	5.6	9.4	0.00	11.9	3.1	0.00	7.5	4.5	0.00
3/17/2015	0.32	6.0	9.0	0.32	6.0	9.0	0.32	10.9	4.1	0.00	7.4	4.6	0.00
3/18/2015	0.00	6.6	8.4	0.00	6.5	8.5	0.00	10.7	4.3	0.00	7.6	4.4	0.00
3/19/2015	0.29	6.6	8.4	0.29	6.2	8.8	0.00	10.6	4.4	0.00	7.6	4.4	0.00
3/20/2015	0.31	6.8	8.2	0.30	6.6	8.4	0.00	10.6	4.4	0.00	7.6	4.4	0.00
3/21/2015	0.35	7.4	7.6	0.35	7.0	8.0	0.00	10.6	4.4	0.00	7.6	4.4	0.00
3/22/2015	0.00	7.0	8.0	0.00	6.7	8.3	0.00	10.2	4.8	0.00	7.4	4.6	0.00
3/23/2015	0.56	7.0	8.0	0.56	6.7	8.3	0.00	10.2	4.8	0.00	7.0	5.0	0.00
3/24/2015	0.00	6.9	8.1	0.00	6.7	8.3	0.00	10.9	4.1	0.00	7.4	4.6	0.00
3/25/2015	0.35	6.8	8.2	0.35	6.6	8.4	0.35	10.0	5.0	0.00	7.5	4.5	0.00
3/26/2015	0.14	6.7	8.3	0.14	6.5	8.5	0.14	10.0	5.0	0.00	7.5	4.5	0.00
3/27/2015	0.00	6.7	8.3	0.00	6.5	8.5	0.00	9.8	5.2	0.00	7.5	4.5	0.00
3/28/2015	0.00	6.7	8.3	0.00	6.5	8.5	0.00	9.8	5.2	0.00	7.5	4.5	0.00
3/29/2015	0.00	6.5	8.5	0.00	6.2	8.8	0.00	9.7	5.3	0.00	7.4	4.6	0.00
3/30/2015	0.00	6.4	8.6	0.00	6.2	8.8	0.00	9.6	5.4	0.00	7.4	4.6	0.00
3/31/2015	0.15	6.3	8.7	0.15	6.1	8.9	0.00	9.5	5.5	0.00	7.4	4.6	0.00
Sum	3.83	165.6	299.4	3.82	160.1	304.9	1.83	306.7	158.3	0.00	229.8	142.2	0.00
Avg	0.12	5.3	9.7	0.12	5.2	9.8	0.06	9.9	5.1	0.00	7.4	4.6	0.00
Max	0.56	7.4	11.2	0.56	7.0	11.3	0.42	11.9	6.0	0.00	7.6	6.5	0.00
Min	0.00	3.8	7.6	0.00	3.7	8.0	0.00	9.0	3.1	0.00	5.5	4.4	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 3/1/2015 - 3/31/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
3/1/2015	4.8	8.2	0.00	1.4	9.6	5.66	0.0	6.0	0.00	0.0	6.0		
3/2/2015	4.8	8.2	0.00	1.4	9.6	0.00	1.9	4.1	5.12	0.0	6.0		
3/3/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.0	6.0	0.00	1.7	4.3		
3/4/2015	4.8	8.2	0.00	1.3	9.7	3.44	0.0	6.0	3.44	0.0	6.0		
3/5/2015	4.8	8.2	0.00	1.5	9.5	0.00	0.1	5.9	0.00	1.5	4.5		
3/6/2015	4.8	8.2	0.00	1.5	9.5	0.00	0.0	6.0	0.00	0.0	6.0		
3/7/2015	4.8	8.2	0.00	1.3	9.7	3.65	0.0	6.0	0.00	0.0	6.0		
3/8/2015	4.8	8.2	0.00	1.3	9.7	0.00	0.3	5.7	4.00	0.0	6.0		
3/9/2015	4.8	8.2	0.00	1.3	9.7	2.43	0.0	6.0	2.43	0.7	5.3		
3/10/2015	4.8	8.2	0.00	1.3	9.7	0.00	0.0	0.0	0.00	1.1	4.9		
3/11/2015	4.6	8.4	0.00	1.3	9.7	5.15	0.0	6.0	0.00	0.0	6.0		
3/12/2015	4.6	8.4	0.00	1.5	9.5	0.00	1.6	4.4	4.57	0.0	6.0		
3/13/2015	4.5	8.5	0.00	1.3	9.7	2.25	0.0	6.0	2.25	1.5	4.5		
3/14/2015	4.5	8.5	0.00	1.5	9.5	0.00	0.2	5.8	0.00	1.9	4.1		
3/15/2015	4.8	8.2	0.00	1.5	9.5	2.00	0.0	6.0	2.00	0.0	6.0		
3/16/2015	4.8	8.2	0.00	1.3	9.7	2.01	0.6	5.4	0.00	1.6	4.4		
3/17/2015	4.8	8.2	0.00	1.5	9.5	0.00	0.9	5.1	5.22	0.0	6.0		
3/18/2015	4.8	8.2	0.00	1.5	9.5	2.16	0.0	6.0	2.16	0.9	5.1		
3/19/2015	5.0	8.0	0.00	1.5	9.5	1.91	0.7	5.3	1.91	1.8	4.2		
3/20/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.7	5.3	0.00	1.6	4.4		
3/21/2015	4.8	8.2	0.00	1.4	9.6	0.00	0.0	6.0	0.00	0.0	6.0		
3/22/2015	4.8	8.2	0.00	1.4	9.6	4.04	0.0	6.0	0.00	0.0	6.0		
3/23/2015	4.8	8.2	0.00	1.4	9.6	1.57	0.1	5.9	1.57	0.3	5.7		
3/24/2015	4.8	8.2	0.00	1.6	9.4	0.00	0.0	6.0	0.00	0.3	5.7		
3/25/2015	4.8	8.2	0.00	1.2	9.8	4.06	0.0	6.0	0.00	0.0	6.0		
3/26/2015	4.8	8.2	0.00	0.8	10.2	0.00	1.4	4.6	2.37	0.0	6.0		
3/27/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
3/28/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	0.0	6.0		
3/29/2015	4.8	8.2	0.00	1.1	9.9	3.80	0.0	6.0	0.00	0.0	6.0		
3/30/2015	4.8	8.2	0.00	1.1	9.9	3.08	0.9	5.1	3.08	0.0	6.0		
3/31/2015	4.8	8.2	0.00	1.0	10.0	2.58	0.6	5.4	2.58	0.4	5.6		
Sum	148.0	255.0	0.00	40.5	300.5	49.78	9.9	170.0	42.70	15.2	170.7		
Avg	4.8	8.2	0.00	1.3	9.7	1.61	0.3	5.5	1.38	0.5	5.5		
Max	5.0	8.5	0.00	1.6	10.2	5.66	1.9	6.0	5.22	1.9	6.0		
Min	4.5	8.0	0.00	0.8	9.4	0.00	0.0	0.0	0.00	0.0	4.1		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 3/1/2015 - 3/31/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
3/1/2015		0.00	1.0	5.0	0.00	1.0	2.5	0.00	1.4	2.5	0.00	0.0	2.5
3/2/2015		0.00	0.8	5.2	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/3/2015		0.00	0.6	5.4	8.04	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/4/2015		0.00	0.3	5.7	0.00	2.3	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/5/2015		0.00	0.0	6.0	1.96	0.8	2.5	1.95	0.0	2.5	0.00	0.0	2.5
3/6/2015		0.00	0.0	6.0	0.00	0.9	2.5	0.00	1.4	2.5	4.01	0.0	2.5
3/7/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.8	2.5	0.00	1.8	2.5
3/8/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/9/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/10/2015		0.00	0.0	6.0	5.37	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/11/2015		0.00	0.0	6.0	0.00	2.1	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/12/2015		4.57	0.0	6.0	0.00	0.7	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/13/2015		2.25	2.0	4.0	1.45	0.0	2.5	1.45	0.0	2.5	0.00	0.0	2.5
3/14/2015		0.00	1.5	4.5	3.15	1.0	2.5	3.15	0.8	2.5	3.15	0.0	2.5
3/15/2015		0.00	0.0	6.0	2.00	2.4	2.5	2.00	2.7	2.5	2.00	0.0	2.5
3/16/2015		2.01	0.0	6.0	2.01	1.9	2.5	2.01	1.6	2.5	2.01	1.3	2.5
3/17/2015		5.22	1.9	4.1	0.00	1.9	2.5	0.00	1.8	2.5	0.00	1.3	2.5
3/18/2015		0.00	2.1	3.9	2.16	1.8	2.5	2.16	1.6	2.5	2.16	1.3	2.5
3/19/2015		0.00	0.4	5.6	2.12	1.5	2.5	2.12	1.2	2.5	2.12	1.2	2.5
3/20/2015		0.00	0.0	6.0	4.07	1.5	2.5	4.07	1.3	2.5	0.00	1.2	2.5
3/21/2015		4.44	0.0	6.0	0.00	2.3	2.5	0.00	2.0	2.5	0.00	1.2	2.5
3/22/2015		0.00	1.9	4.1	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/23/2015		1.57	0.4	5.6	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/24/2015		0.00	1.0	5.0	2.25	0.0	2.5	2.25	0.0	2.5	0.00	0.0	2.5
3/25/2015		0.00	0.3	5.7	0.00	0.0	2.5	0.00	0.9	2.5	0.00	0.0	2.5
3/26/2015		2.37	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/27/2015		0.00	0.8	5.2	1.54	0.0	2.5	1.54	0.0	2.5	0.00	0.0	2.5
3/28/2015		0.00	0.4	5.6	0.00	0.9	2.5	0.00	0.9	2.5	3.69	0.0	2.5
3/29/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	1.4	1.1
3/30/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
3/31/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Sum		22.43	15.3	170.6	36.12	22.9	77.5	22.70	18.3	77.5	19.14	10.7	76.1
Avg		0.72	0.5	5.5	1.17	0.7	2.5	0.73	0.6	2.5	0.62	0.3	2.5
Max		5.22	2.1	6.0	8.04	2.4	2.5	4.07	2.7	2.5	4.01	1.8	2.5
Min		0.00	0.0	3.9	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	1.1

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 4/1/2015 - 4/30/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
4/1/2015	0.00	6.5	8.5	0.00	6.2	8.8	0.00	9.5	5.5	0.00	6.5	5.5	0.00
4/2/2015	0.22	7.5	7.5	0.23	7.4	7.6	0.00	8.2	6.8	0.00	6.5	5.5	0.00
4/3/2015	0.00	7.5	7.5	0.00	7.2	7.8	0.00	8.2	6.8	0.00	6.5	5.5	0.00
4/4/2015	0.00	7.9	7.1	0.00	7.7	7.3	0.00	7.4	7.6	0.00	6.5	5.5	0.00
4/5/2015	0.00	7.7	7.3	0.00	7.4	7.6	0.00	7.6	7.4	0.00	7.4	4.6	0.00
4/6/2015	0.00	7.4	7.6	0.00	7.2	7.8	0.38	7.6	7.4	0.00	7.5	4.5	0.00
4/7/2015	0.00	7.2	7.8	0.00	7.0	8.0	0.56	7.6	7.4	0.00	7.5	4.5	0.00
4/8/2015	0.00	7.1	7.9	0.00	6.9	8.1	0.13	7.6	7.4	0.00	7.5	4.5	0.00
4/9/2015	0.00	7.1	7.9	0.00	6.7	8.3	0.13	7.8	7.2	0.00	7.5	4.5	0.00
4/10/2015	0.00	6.9	8.1	0.00	6.7	8.3	0.42	8.0	7.0	0.00	7.5	4.5	0.00
4/11/2015	0.00	6.8	8.2	0.00	6.5	8.5	0.00	8.0	7.0	0.00	7.5	4.5	0.00
4/12/2015	0.00	6.8	8.2	0.00	6.3	8.7	0.00	8.0	7.0	0.00	7.5	4.5	0.00
4/13/2015	0.00	6.7	8.3	0.00	6.1	8.9	0.00	8.0	7.0	0.00	7.5	4.5	0.00
4/14/2015	0.00	6.7	8.3	0.00	6.1	8.9	0.32	8.0	7.0	0.00	7.5	4.5	0.00
4/15/2015	0.00	6.5	8.5	0.00	6.0	9.0	0.40	8.2	6.8	0.00	7.5	4.5	0.00
4/16/2015	0.00	6.5	8.5	0.00	5.8	9.2	0.00	8.2	6.8	0.00	7.5	4.5	0.00
4/17/2015	0.00	6.5	8.5	0.00	5.8	9.2	0.00	8.2	6.8	0.00	7.5	4.5	0.00
4/18/2015	0.00	6.5	8.5	0.00	5.8	9.2	0.00	8.4	6.6	0.00	7.5	4.5	0.00
4/19/2015	0.00	6.2	8.8	0.00	5.7	9.3	0.00	8.4	6.6	0.00	7.4	4.6	0.00
4/20/2015	0.00	6.1	8.9	0.00	5.6	9.4	0.58	8.4	6.6	0.00	7.4	4.6	0.00
4/21/2015	0.00	6.0	9.0	0.00	5.6	9.4	0.21	8.7	6.3	0.00	7.4	4.6	0.00
4/22/2015	0.00	6.1	8.9	0.00	5.7	9.3	1.39	9.0	6.0	0.00	7.5	4.5	0.00
4/23/2015	0.00	6.0	9.0	0.00	5.5	9.5	0.00	9.2	5.8	0.00	7.5	4.5	0.00
4/24/2015	0.00	6.0	9.0	0.00	5.5	9.5	0.00	9.2	5.8	0.00	7.5	4.5	0.00
4/25/2015	0.00	5.9	9.1	0.00	5.5	9.5	0.00	9.3	5.7	0.00	7.5	4.5	0.00
4/26/2015	0.00	5.9	9.1	0.00	5.4	9.6	0.18	9.4	5.6	0.00	7.5	4.5	0.00
4/27/2015	0.00	5.8	9.2	0.00	5.1	9.9	0.00	9.4	5.6	0.00	7.5	4.5	0.00
4/28/2015	0.00	5.8	9.2	0.00	5.0	10.0	0.00	9.4	5.6	0.00	7.5	4.5	0.00
4/29/2015	0.00	5.7	9.3	0.00	5.0	10.0	0.00	9.4	5.6	0.00	7.5	4.5	0.00
4/30/2015	0.00	5.7	9.3	0.00	5.0	10.0	1.35	9.4	5.6	0.00	7.5	4.5	0.00
Sum	0.22	197.0	253.0	0.23	183.4	266.6	6.06	253.7	196.3	0.00	220.6	139.4	0.00
Avg	0.01	6.6	8.4	0.01	6.1	8.9	0.20	8.5	6.5	0.00	7.4	4.6	0.00
Max	0.22	7.9	9.3	0.23	7.7	10.0	1.39	9.5	7.6	0.00	7.5	5.5	0.00
Min	0.00	5.7	7.1	0.00	5.0	7.3	0.00	7.4	5.5	0.00	6.5	4.5	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 4/1/2015 - 4/30/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
4/1/2015	4.8	8.2	0.00	1.1	9.9	3.53	0.4	5.6	3.53	0.9	5.1		
4/2/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.5	5.5	0.00	1.0	5.0		
4/3/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
4/4/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.0	6.0	0.00	0.0	6.0		
4/5/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
4/6/2015	4.8	8.2	0.00	1.0	10.0	2.85	0.0	6.0	2.85	0.0	6.0		
4/7/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.1	5.9		
4/8/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
4/9/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
4/10/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.0	6.0		
4/11/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.0	6.0		
4/12/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
4/13/2015	4.8	8.2	0.00	1.0	10.0	5.77	0.0	6.0	0.00	0.0	6.0		
4/14/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	2.56	0.3	5.7		
4/15/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.0	6.0	0.00	0.3	5.7		
4/16/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
4/17/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.0	6.0		
4/18/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	0.0	6.0		
4/19/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	0.0	6.0		
4/20/2015	4.8	8.2	0.00	0.9	10.1	3.30	0.0	6.0	0.00	0.0	6.0		
4/21/2015	4.8	8.2	0.00	1.0	10.0	2.12	0.0	6.0	0.00	0.0	6.0		
4/22/2015	4.8	8.2	0.00	1.1	9.9	2.24	0.0	6.0	0.00	0.0	6.0		
4/23/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.4	5.6	5.65	0.0	6.0		
4/24/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	0.5	5.5		
4/25/2015	4.8	8.2	0.00	1.0	10.0	2.22	0.0	6.0	2.22	0.0	6.0		
4/26/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.1	5.9	0.00	0.6	5.4		
4/27/2015	4.8	8.2	0.00	1.1	9.9	3.10	0.0	6.0	3.10	0.0	6.0		
4/28/2015	5.5	7.5	0.00	1.1	9.9	3.00	0.2	5.8	3.00	0.8	5.2		
4/29/2015	5.5	7.5	0.00	1.0	10.0	2.95	0.0	6.0	0.00	0.0	6.0		
4/30/2015	5.5	7.5	0.00	1.1	9.9	0.00	0.2	5.8	0.00	0.0	6.0		
Sum	146.1	243.9	0.00	30.2	299.8	31.08	1.8	178.2	22.91	4.4	175.5		
Avg	4.9	8.1	0.00	1.0	10.0	1.04	0.1	5.9	0.76	0.1	5.8		
Max	5.5	8.2	0.00	1.2	10.4	5.77	0.5	6.0	5.65	1.0	6.0		
Min	4.8	7.5	0.00	0.6	9.8	0.00	0.0	5.5	0.00	0.0	5.0		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 4/1/2015 - 4/30/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
4/1/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
4/2/2015		0.00	0.0	6.0	1.63	0.0	2.5	1.63	0.0	2.5	0.00	0.0	2.5
4/3/2015		0.00	0.0	6.0	0.00	0.7	2.5	0.00	0.9	2.5	0.00	0.0	2.5
4/4/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	3.33	1.4	2.5
4/5/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	4.12	1.4	2.5
4/6/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	1.2	2.5
4/7/2015		3.69	0.2	5.8	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
4/8/2015		0.00	1.4	4.6	1.72	0.0	2.5	1.72	0.0	2.5	0.00	0.0	2.5
4/9/2015		0.00	0.0	6.0	0.00	0.9	2.5	0.00	1.2	2.5	4.41	0.0	2.5
4/10/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	3.05	1.5	2.5
4/11/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	3.20	1.5	2.5
4/12/2015		0.00	0.0	6.0	0.00	0.3	2.2	0.00	0.0	2.5	3.43	1.4	2.5
4/13/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	1.5	2.5
4/14/2015		0.00	0.0	6.0	0.00	0.2	2.3	0.00	0.0	2.5	0.00	0.0	2.5
4/15/2015		2.83	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
4/16/2015		0.00	1.0	5.0	2.30	0.0	2.5	2.30	0.0	2.5	0.00	0.0	2.5
4/17/2015		0.00	0.0	6.0	0.00	0.8	2.5	0.00	0.8	2.5	2.40	0.0	2.5
4/18/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	3.00	1.4	2.5
4/19/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	4.44	1.5	2.5
4/20/2015		3.30	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	1.5	2.5
4/21/2015		2.12	1.2	4.8	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
4/22/2015		2.24	0.9	5.1	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
4/23/2015		0.00	1.1	4.9	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
4/24/2015		0.00	0.3	5.7	2.59	0.0	2.5	2.59	0.0	2.5	0.00	0.0	2.5
4/25/2015		0.00	0.0	6.0	0.00	0.9	2.5	0.00	1.4	2.5	2.22	0.0	2.5
4/26/2015		0.00	0.0	6.0	3.64	0.0	2.5	0.00	0.8	2.5	0.00	0.0	2.5
4/27/2015		0.00	0.0	6.0	0.00	1.4	2.5	0.00	0.0	2.5	0.00	0.0	2.5
4/28/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
4/29/2015		2.95	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
4/30/2015		0.00	1.1	4.9	1.23	0.0	2.5	1.23	0.0	2.5	0.00	0.0	2.5
Sum		17.13	7.2	172.8	13.10	5.1	74.5	9.47	5.0	75.0	33.59	14.2	75.0
Avg		0.57	0.2	5.8	0.44	0.2	2.5	0.32	0.2	2.5	1.12	0.5	2.5
Max		3.69	1.4	6.0	3.64	1.4	2.5	2.59	1.4	2.5	4.44	1.5	2.5
Min		0.00	0.0	4.6	0.00	0.0	2.2	0.00	0.0	2.5	0.00	0.0	2.5

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 5/1/2015 - 5/31/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
5/1/2015	0.00	5.7	9.3	0.00	5.0	10.0	0.84	9.4	5.6	0.00	7.5	4.5	0.00
5/2/2015	0.00	5.7	9.3	0.00	4.9	10.1	0.00	9.4	5.6	0.00	7.5	4.5	0.00
5/3/2015	0.00	5.6	9.4	0.00	4.9	10.1	0.00	9.4	5.6	0.00	7.4	4.6	0.00
5/4/2015	0.00	5.6	9.4	0.00	4.9	10.1	0.00	9.3	5.7	0.00	7.4	4.6	0.00
5/5/2015	0.00	5.3	9.7	0.00	4.7	10.3	0.34	9.3	5.7	0.00	7.4	4.6	0.00
5/6/2015	0.00	5.3	9.7	0.00	4.7	10.3	0.00	9.4	5.6	0.00	7.5	4.5	0.00
5/7/2015	0.00	5.3	9.7	0.00	4.7	10.3	0.00	9.4	5.6	0.00	7.5	4.5	0.00
5/8/2015	0.00	5.4	9.6	0.00	4.5	10.5	0.00	9.3	5.7	0.00	7.4	4.6	0.00
5/9/2015	0.00	5.1	9.9	0.00	4.6	10.4	0.00	9.3	5.7	0.00	7.4	4.6	0.00
5/10/2015	0.00	5.1	9.9	0.00	4.6	10.4	0.00	9.3	5.7	0.00	7.4	4.6	0.00
5/11/2015	0.00	5.9	9.1	0.00	4.5	10.5	0.00	9.3	5.7	0.00	7.4	4.6	0.00
5/12/2015	0.00	5.9	9.1	0.00	4.5	10.5	0.44	9.3	5.7	0.00	7.4	4.6	0.00
5/13/2015	0.00	4.9	10.1	0.00	4.5	10.5	0.58	9.5	5.5	0.00	7.5	4.5	0.00
5/14/2015	0.00	4.9	10.1	0.00	4.7	10.3	0.00	9.7	5.3	0.00	7.5	4.5	0.00
5/15/2015	0.00	5.0	10.0	0.17	4.7	10.3	0.16	9.6	5.4	0.00	7.5	4.5	0.00
5/16/2015	0.00	5.1	9.9	0.00	4.8	10.2	0.00	9.6	5.4	0.00	7.5	4.5	0.00
5/17/2015	0.00	5.1	9.9	0.00	4.8	10.2	0.00	9.5	5.5	0.00	7.5	4.5	0.00
5/18/2015	0.00	5.1	9.9	0.00	4.8	10.2	0.00	9.3	5.7	0.00	7.5	4.5	0.00
5/19/2015	0.22	5.3	9.7	0.22	4.8	10.2	0.00	9.1	5.9	0.00	7.5	4.5	0.00
5/20/2015	0.12	5.4	9.6	0.12	5.2	9.8	0.00	9.4	5.6	0.00	7.5	4.5	0.00
5/21/2015	0.29	5.6	9.4	0.29	5.2	9.8	0.00	9.2	5.8	0.00	7.5	4.5	0.00
5/22/2015	0.00	5.6	9.4	0.16	5.2	9.8	0.00	9.2	5.8	0.00	7.5	4.5	0.00
5/23/2015	0.00	5.6	9.4	0.00	5.5	9.5	0.00	8.8	6.2	0.00	7.5	4.5	0.00
5/24/2015	0.00	5.6	9.4	0.00	5.4	9.6	0.00	8.8	6.2	0.00	7.5	4.5	0.00
5/25/2015	0.00	5.6	9.4	0.00	5.4	9.6	0.00	8.9	6.1	0.00	7.5	4.5	0.00
5/26/2015	0.00	5.7	9.3	0.00	5.7	9.3	0.00	8.7	6.3	0.00	7.5	4.5	0.00
5/27/2015	0.12	5.7	9.3	0.12	5.7	9.3	0.00	8.7	6.3	0.00	7.5	4.5	0.00
5/28/2015	0.39	5.8	9.2	0.39	5.7	9.3	0.00	8.5	6.5	0.00	7.5	4.5	0.00
5/29/2015	0.00	5.8	9.2	0.00	5.7	9.3	0.00	8.4	6.6	0.00	7.5	4.5	0.00
5/30/2015	0.00	5.8	9.2	0.00	5.6	9.4	0.00	8.3	6.7	0.00	7.3	4.7	0.00
5/31/2015	0.00	5.8	9.2	0.00	5.6	9.4	0.00	8.3	6.7	0.00	7.4	4.6	0.00
Sum	1.14	169.3	295.7	1.47	155.5	309.5	2.36	283.6	181.4	0.00	231.4	140.6	0.00
Avg	0.04	5.5	9.5	0.05	5.0	10.0	0.08	9.1	5.9	0.00	7.5	4.5	0.00
Max	0.39	5.9	10.1	0.39	5.7	10.5	0.84	9.7	6.7	0.00	7.5	4.7	0.00
Min	0.00	4.9	9.1	0.00	4.5	9.3	0.00	8.3	5.3	0.00	7.3	4.5	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 5/1/2015 - 5/31/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
5/1/2015	4.8	8.2	0.00	1.1	9.9	3.55	0.0	6.0	0.00	0.0	6.0		
5/2/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.8	5.2	3.34	0.0	6.0		
5/3/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.5	5.5		
5/4/2015	4.8	8.2	0.00	1.1	9.9	2.80	0.0	6.0	2.80	0.0	6.0		
5/5/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.0	6.0		
5/6/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
5/7/2015	4.8	8.2	0.00	1.0	10.0	1.83	0.0	6.0	1.83	0.0	6.0		
5/8/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
5/9/2015	4.8	8.2	0.00	1.2	9.8	3.39	0.0	6.0	0.00	0.0	6.0		
5/10/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
5/11/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	0.0	6.0		
5/12/2015	4.8	8.2	0.00	1.1	9.9	3.89	0.0	6.0	0.00	0.0	6.0		
5/13/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.0	6.0	0.00	0.0	6.0		
5/14/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.0	6.0	0.00	0.0	6.0		
5/15/2015	4.8	8.2	0.00	1.3	9.7	2.95	0.0	6.0	0.00	0.0	6.0		
5/16/2015	4.8	8.2	0.00	1.4	9.6	0.00	0.0	6.0	3.45	0.0	6.0		
5/17/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.0	6.0	2.77	0.1	5.9		
5/18/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.1	5.9		
5/19/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
5/20/2015	4.8	8.2	0.00	1.4	9.6	0.00	0.0	6.0	0.00	0.0	6.0		
5/21/2015	4.8	8.2	0.00	1.4	9.6	3.02	0.0	6.0	0.00	0.0	6.0		
5/22/2015	4.8	8.2	0.00	1.3	9.7	0.00	0.0	6.0	3.24	0.0	6.0		
5/23/2015	4.8	8.2	0.00	1.8	9.2	0.00	0.0	6.0	0.00	0.5	5.5		
5/24/2015	4.8	8.2	0.00	1.5	9.5	2.58	0.0	6.0	2.58	0.0	6.0		
5/25/2015	4.8	8.2	0.00	1.3	9.7	0.00	0.1	5.9	0.00	0.5	5.5		
5/26/2015	4.8	8.2	0.00	1.3	9.7	0.00	0.0	6.0	0.00	0.0	6.0		
5/27/2015	4.8	8.2	0.00	1.2	9.8	3.60	0.0	6.0	0.00	0.0	6.0		
5/28/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.2	5.8	3.68	0.0	6.0		
5/29/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	3.39	0.5	5.5		
5/30/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	3.03	0.5	5.5		
5/31/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.6	5.4		
Sum	148.8	254.2	0.00	36.8	304.2	27.61	1.1	184.9	30.12	3.2	182.7		
Avg	4.8	8.2	0.00	1.2	9.8	0.89	0.0	6.0	0.97	0.1	5.9		
Max	4.8	8.2	0.00	1.8	10.2	3.89	0.8	6.0	3.68	0.6	6.0		
Min	4.8	8.2	0.00	0.8	9.2	0.00	0.0	5.2	0.00	0.0	5.4		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 5/1/2015 - 5/31/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
5/1/2015		0.00	0.0	6.0	0.00	0.9	2.5	0.00	0.9	2.5	0.00	0.0	2.5
5/2/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.5	2.5	0.00	0.0	2.5
5/3/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	3.56	0.0	2.5
5/4/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	1.5	1.0
5/5/2015		3.66	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
5/6/2015		0.00	1.3	4.7	2.10	0.9	1.6	2.10	0.0	2.5	0.00	0.0	2.5
5/7/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	1.2	1.3	0.00	0.0	2.5
5/8/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	4.02	0.0	2.5
5/9/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	1.5	1.0
5/10/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	3.63	0.0	2.5
5/11/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	4.16	1.7	0.8
5/12/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	1.5	1.0
5/13/2015		0.00	0.0	6.0	0.00	0.0	2.5	5.23	0.0	2.5	0.00	1.5	2.5
5/14/2015		0.00	0.0	6.0	3.41	0.0	2.5	3.40	1.3	2.5	0.00	0.0	2.5
5/15/2015		0.00	0.0	6.0	0.00	0.9	2.5	0.00	1.7	2.5	0.00	0.0	2.5
5/16/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.5	2.5	0.00	0.0	2.5
5/17/2015		2.77	0.0	6.0	0.00	0.4	2.1	0.00	0.1	2.4	0.00	0.0	2.5
5/18/2015		0.00	0.7	5.3	0.00	0.0	2.5	0.00	0.0	2.5	3.71	0.0	2.5
5/19/2015		0.00	0.0	6.0	0.00	0.0	2.5	3.57	0.0	2.5	0.00	1.1	1.4
5/20/2015		0.00	0.0	6.0	0.00	0.0	2.5	3.78	0.7	2.5	0.00	1.2	2.5
5/21/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	2.5	2.5	0.00	0.0	2.5
5/22/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	1.6	2.5	0.00	0.0	2.5
5/23/2015		3.34	0.0	6.0	0.00	0.0	2.5	0.00	0.8	2.5	0.00	0.0	2.5
5/24/2015		0.00	1.2	4.8	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
5/25/2015		3.31	0.1	5.9	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
5/26/2015		0.00	1.2	4.8	0.00	0.0	2.5	0.00	0.0	2.5	3.36	0.0	2.5
5/27/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	1.3	2.5
5/28/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
5/29/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
5/30/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
5/31/2015		3.10	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Sum		16.19	4.5	181.5	5.51	3.1	76.2	18.08	11.8	76.2	22.43	11.4	70.2
Avg		0.52	0.1	5.9	0.18	0.1	2.5	0.58	0.4	2.5	0.72	0.4	2.3
Max		3.66	1.3	6.0	3.41	0.9	2.5	5.23	2.5	2.5	4.16	1.7	2.5
Min		0.00	0.0	4.7	0.00	0.0	1.6	0.00	0.0	1.3	0.00	0.0	0.8

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 6/1/2015 - 6/30/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
6/1/2015	0.00	5.8	9.2	0.00	5.6	9.4	0.00	8.3	6.7	0.00	7.5	4.5	0.00
6/2/2015	0.10	6.0	9.0	0.10	5.8	9.2	0.00	8.9	6.1	0.00	7.5	4.5	0.00
6/3/2015	0.00	6.0	9.0	0.00	5.8	9.2	0.00	8.3	6.7	0.00	7.5	4.5	0.00
6/4/2015	0.00	5.9	9.1	0.00	5.7	9.3	0.00	8.2	6.8	0.00	7.5	4.5	0.00
6/5/2015	0.00	5.9	9.1	0.00	5.7	9.3	1.00	8.2	6.8	0.00	7.5	4.5	0.00
6/6/2015	0.00	5.8	9.2	0.00	5.6	9.4	0.00	8.2	6.8	0.00	7.5	4.5	0.00
6/7/2015	0.00	5.8	9.2	0.00	5.5	9.5	0.00	8.2	6.8	0.00	7.5	4.5	0.00
6/8/2015	0.00	5.7	9.3	0.00	5.5	9.5	0.00	8.2	6.8	0.00	7.5	4.5	0.00
6/9/2015	0.00	5.7	9.3	0.00	5.4	9.6	0.10	8.2	6.8	0.00	7.5	4.5	0.00
6/10/2015	0.00	5.7	9.3	0.00	5.4	9.6	0.40	8.3	6.7	0.00	7.5	4.5	0.00
6/11/2015	0.00	5.5	9.5	0.00	5.2	9.8	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/12/2015	0.00	5.5	9.5	0.00	5.2	9.8	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/13/2015	0.00	5.5	9.5	0.00	5.2	9.8	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/14/2015	0.00	5.4	9.6	0.00	5.0	10.0	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/15/2015	0.00	5.4	9.6	0.00	5.0	10.0	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/16/2015	0.00	5.3	9.7	0.00	4.8	10.2	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/17/2015	0.00	5.3	9.7	0.00	4.8	10.2	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/18/2015	0.00	5.3	9.7	0.00	4.8	10.2	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/19/2015	0.00	5.2	9.8	0.00	4.7	10.3	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/20/2015	0.00	5.2	9.8	0.00	4.7	10.3	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/21/2015	0.00	5.0	10.0	0.00	4.6	10.4	0.00	8.3	6.7	0.00	7.5	4.5	0.00
6/22/2015	0.00	5.0	10.0	0.00	4.6	10.4	0.00	8.3	6.7	0.00	7.5	4.5	0.00
6/23/2015	0.00	4.9	10.1	0.00	4.5	10.5	0.00	8.3	6.7	0.00	7.5	4.5	0.00
6/24/2015	0.00	4.9	10.1	0.00	4.5	10.5	0.00	8.3	6.7	0.00	7.5	4.5	0.00
6/25/2015	0.00	4.8	10.2	0.00	4.5	10.5	0.00	8.4	6.6	0.00	7.5	4.5	0.00
6/26/2015	0.00	4.7	10.3	0.00	4.4	10.6	0.00	8.3	6.7	0.00	7.5	4.5	0.00
6/27/2015	0.00	4.7	10.3	0.00	4.4	10.6	0.00	8.3	6.7	0.00	7.5	4.5	0.00
6/28/2015	0.00	4.7	10.3	0.00	4.0	11.0	0.00	8.2	6.8	0.00	7.5	4.5	0.00
6/29/2015	0.00	4.7	10.3	0.00	4.0	11.0	0.00	8.3	6.7	0.00	7.5	4.5	0.00
6/30/2015	0.00	4.7	10.3	0.00	4.0	11.0	0.00	8.3	6.7	0.00	7.5	4.5	0.00
Sum	0.10	160.0	290.0	0.10	148.9	301.1	1.50	250.0	200.0	0.00	225.0	135.0	0.00
Avg	0.00	5.3	9.7	0.00	5.0	10.0	0.05	8.3	6.7	0.00	7.5	4.5	0.00
Max	0.10	6.0	10.3	0.10	5.8	11.0	1.00	8.9	6.8	0.00	7.5	4.5	0.00
Min	0.00	4.7	9.0	0.00	4.0	9.2	0.00	8.2	6.1	0.00	7.5	4.5	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 6/1/2015 - 6/30/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
6/1/2015	4.8	8.2	0.00	1.0	10.0	2.97	0.0	6.0	0.00	0.0	6.0		
6/2/2015	4.8	8.2	0.00	1.2	9.8	1.90	0.0	6.0	1.91	0.0	6.0		
6/3/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.0	6.0	2.12	0.5	5.5		
6/4/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	1.73	0.4	5.6		
6/5/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	1.47	0.4	5.6		
6/6/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.0	6.0	0.00	0.3	5.7		
6/7/2015	4.8	8.2	0.00	1.3	9.7	0.00	0.0	6.0	0.00	0.0	6.0		
6/8/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.0	6.0	0.00	0.0	6.0		
6/9/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.0	6.0	0.00	0.0	6.0		
6/10/2015	4.8	8.2	0.00	1.4	9.6	0.93	0.0	6.0	0.00	0.0	6.0		
6/11/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.2	5.8	0.00	0.0	6.0		
6/12/2015	4.8	8.2	0.00	0.8	10.2	1.71	0.0	6.0	0.00	0.0	6.0		
6/13/2015	4.8	8.2	0.00	1.0	10.0	3.04	0.3	5.7	0.00	0.0	6.0		
6/14/2015	4.8	8.2	0.00	1.0	10.0	2.87	0.0	6.0	0.00	0.0	6.0		
6/15/2015	4.8	8.2	0.00	1.4	9.6	3.08	0.4	5.6	0.00	0.0	6.0		
6/16/2015	4.8	8.2	0.00	1.3	9.7	3.04	0.4	5.6	0.00	0.0	6.0		
6/17/2015	4.8	8.2	0.00	1.1	9.9	3.23	0.5	5.5	0.00	0.0	6.0		
6/18/2015	4.8	8.2	0.00	1.2	9.8	3.12	1.5	4.5	0.00	0.0	6.0		
6/19/2015	4.8	8.2	0.00	1.8	9.2	0.00	0.9	5.1	3.40	0.0	6.0		
6/20/2015	4.8	8.2	0.00	1.4	9.6	0.00	0.0	6.0	3.36	0.6	5.4		
6/21/2015	4.8	8.2	0.00	1.5	9.5	0.00	0.0	6.0	3.43	0.6	5.4		
6/22/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	3.27	0.7	5.3		
6/23/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	2.94	0.7	5.3		
6/24/2015	4.8	8.2	0.00	0.5	10.5	0.00	0.0	6.0	2.27	0.8	5.2		
6/25/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
6/26/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.0	6.0	0.00	0.0	6.0		
6/27/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.0	6.0	0.00	0.0	6.0		
6/28/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
6/29/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.0	6.0		
6/30/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.70	0.0	6.0		
Sum	144.0	246.0	0.00	32.4	297.6	25.89	4.2	175.8	26.59	4.9	175.0		
Avg	4.8	8.2	0.00	1.1	9.9	0.86	0.1	5.9	0.89	0.2	5.8		
Max	4.8	8.2	0.00	1.8	10.5	3.23	1.5	6.0	3.43	0.8	6.0		
Min	4.8	8.2	0.00	0.5	9.2	0.00	0.0	4.5	0.00	0.0	5.2		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 6/1/2015 - 6/30/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
6/1/2015		0.00	0.9	5.1	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/2/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/3/2015		2.12	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/4/2015		1.74	0.8	5.2	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/5/2015		1.48	0.6	5.4	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/6/2015		0.00	0.6	5.4	5.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/7/2015		0.00	0.0	6.0	1.57	1.0	1.5	1.57	1.1	1.4	0.00	0.4	2.1
6/8/2015		0.00	0.0	6.0	0.00	0.2	2.3	0.00	1.7	0.8	0.69	0.0	2.5
6/9/2015		0.00	0.0	6.0	0.80	0.0	2.5	0.81	0.0	2.5	0.00	1.5	1.0
6/10/2015		0.93	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.7	2.5
6/11/2015		2.90	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/12/2015		0.00	0.9	5.1	0.00	0.0	2.5	1.71	0.0	2.5	0.00	0.0	2.5
6/13/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.6	2.5	0.00	0.0	2.5
6/14/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/15/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/16/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/17/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/18/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/19/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/20/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/21/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/22/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/23/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/24/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/25/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/26/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/27/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/28/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/29/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
6/30/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Sum		9.17	3.8	176.2	7.37	1.2	73.8	4.09	3.4	72.2	0.69	2.6	73.1
Avg		0.31	0.1	5.9	0.25	0.0	2.5	0.14	0.1	2.4	0.02	0.1	2.4
Max		2.90	0.9	6.0	5.00	1.0	2.5	1.71	1.7	2.5	0.69	1.5	2.5
Min		0.00	0.0	5.1	0.00	0.0	1.5	0.00	0.0	0.8	0.00	0.0	1.0

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 7/1/2015 - 7/31/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
7/1/2015	0.00	4.7	10.3	0.00	4.0	11.0	0.00	8.3	6.7	0.00	7.5	4.5	0.00
7/2/2015	0.00	4.7	10.3	0.00	3.9	11.1	0.00	8.2	6.8	0.00	7.5	4.5	0.00
7/3/2015	0.00	4.6	10.4	0.00	3.9	11.1	0.00	8.2	6.8	0.00	7.5	4.5	0.00
7/4/2015	0.00	4.6	10.4	0.00	3.9	11.1	0.00	8.2	6.8	0.00	7.5	4.5	0.00
7/5/2015	0.00	4.4	10.6	0.00	3.8	11.2	0.00	8.0	7.0	0.00	7.4	4.6	0.00
7/6/2015	0.00	4.2	10.8	0.00	3.8	11.2	0.00	8.2	6.8	0.00	7.4	4.6	0.00
7/7/2015	0.00	4.2	10.8	0.00	3.7	11.3	0.00	8.2	6.8	0.00	7.4	4.6	0.00
7/8/2015	0.00	4.2	10.8	0.00	3.7	11.3	0.00	8.0	7.0	0.00	7.2	4.8	0.00
7/9/2015	0.00	4.2	10.8	0.00	3.7	11.3	0.00	8.0	7.0	0.00	7.2	4.8	0.00
7/10/2015	0.00	4.2	10.8	0.00	3.7	11.3	0.00	8.0	7.0	0.00	7.2	4.8	0.00
7/11/2015	0.00	4.2	10.8	0.00	3.7	11.3	0.00	8.0	7.0	0.00	7.2	4.8	0.00
7/12/2015	0.00	3.9	11.1	0.00	3.4	11.6	0.00	8.0	7.0	0.00	7.5	4.5	0.00
7/13/2015	0.00	3.9	11.1	0.00	3.4	11.6	0.00	7.8	7.2	0.00	7.5	4.5	0.00
7/14/2015	0.00	3.9	11.1	0.00	3.4	11.6	0.00	7.8	7.2	0.00	7.5	4.5	0.00
7/15/2015	0.00	3.9	11.1	0.00	3.4	11.6	0.00	7.8	7.2	0.00	7.5	4.5	0.00
7/16/2015	0.00	3.9	11.1	0.00	3.3	11.7	0.00	7.7	7.3	0.00	7.2	4.8	0.00
7/17/2015	0.00	3.8	11.2	0.00	3.3	11.7	0.00	7.7	7.3	0.00	7.2	4.8	0.00
7/18/2015	0.00	3.8	11.2	0.00	3.3	11.7	0.00	7.7	7.3	0.00	7.2	4.8	0.00
7/19/2015	0.00	3.7	11.3	0.00	3.4	11.8	0.30	7.7	7.3	0.00	7.0	5.0	0.00
7/20/2015	0.00	3.8	11.2	0.00	3.4	11.8	0.00	7.9	7.1	0.00	7.2	4.8	0.00
7/21/2015	0.00	3.8	11.2	0.00	3.1	11.9	0.00	8.2	6.8	0.00	7.1	4.9	0.00
7/22/2015	0.00	3.7	11.3	0.00	3.1	11.9	0.00	8.0	7.0	0.00	7.0	5.0	0.00
7/23/2015	0.00	3.7	11.3	0.00	3.1	11.9	0.00	8.0	7.0	0.00	7.0	5.0	0.00
7/24/2015	0.00	3.8	11.2	0.00	3.5	11.5	0.00	8.0	7.0	0.00	6.8	5.2	0.00
7/25/2015	0.00	3.7	11.3	0.00	3.2	11.8	0.00	8.0	7.0	0.00	6.8	5.2	0.00
7/26/2015	0.00	3.5	11.5	0.00	3.0	12.0	0.00	8.0	7.0	0.00	7.0	5.0	0.00
7/27/2015	0.00	3.5	11.5	0.00	2.9	12.1	0.00	8.0	7.0	0.00	6.9	5.1	0.00
7/28/2015	0.00	3.5	11.5	0.00	3.0	12.0	0.00	8.0	7.0	0.00	6.9	5.1	0.00
7/29/2015	0.00	3.5	11.5	0.00	2.9	12.1	0.00	7.9	7.1	0.00	6.9	5.1	0.00
7/30/2015	0.00	3.5	11.5	0.00	2.9	12.1	0.00	7.9	7.1	0.00	6.9	5.1	0.00
7/31/2015	0.00	3.5	11.5	0.00	2.9	12.1	0.00	8.0	7.0	0.00	6.9	5.1	0.00
Sum	0.00	122.5	342.5	0.00	105.7	359.7	0.30	247.4	217.6	0.00	223.0	149.0	0.00
Avg	0.00	4.0	11.0	0.00	3.4	11.6	0.01	8.0	7.0	0.00	7.2	4.8	0.00
Max	0.00	4.7	11.5	0.00	4.0	12.1	0.30	8.3	7.3	0.00	7.5	5.2	0.00
Min	0.00	3.5	10.3	0.00	2.9	11.0	0.00	7.7	6.7	0.00	6.8	4.5	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 7/1/2015 - 7/31/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
7/1/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.0	6.0		
7/2/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	0.0	6.0		
7/3/2015	4.8	8.2	0.00	0.3	10.7	0.00	0.0	6.0	0.00	0.0	6.0		
7/4/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.0	6.0	0.00	0.0	6.0		
7/5/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	0.0	6.0		
7/6/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.0	6.0		
7/7/2015	4.8	8.2	0.00	0.7	10.3	1.35	0.0	6.0	1.35	0.0	6.0		
7/8/2015	4.8	8.2	0.00	1.3	9.7	1.46	0.0	6.0	1.46	0.0	6.0		
7/9/2015	4.8	8.2	0.00	0.8	10.2	1.51	0.0	6.0	1.52	0.5	5.5		
7/10/2015	4.8	8.2	0.00	0.9	10.1	1.41	0.0	6.0	1.42	0.6	5.4		
7/11/2015	4.8	8.2	0.00	0.5	10.5	1.62	0.0	6.0	1.62	0.5	5.5		
7/12/2015	4.8	8.2	0.00	0.7	10.3	1.46	0.0	6.0	1.46	0.6	5.4		
7/13/2015	4.8	8.2	0.00	0.7	10.3	1.40	0.0	6.0	1.40	0.6	5.4		
7/14/2015	4.8	8.2	0.00	0.7	10.3	1.45	0.0	6.0	1.45	2.0	4.0		
7/15/2015	4.8	8.2	0.00	0.7	10.3	1.70	0.0	6.0	1.70	0.7	5.3		
7/16/2015	4.8	8.2	0.00	0.9	10.1	1.65	0.0	6.0	1.65	0.6	5.4		
7/17/2015	4.8	8.2	0.00	0.5	10.5	1.58	0.0	6.0	1.58	0.7	5.3		
7/18/2015	4.8	8.2	0.00	0.8	10.2	1.46	0.0	6.0	1.46	0.7	5.3		
7/19/2015	4.8	8.2	0.00	0.7	10.3	1.85	0.0	6.0	1.85	0.7	5.3		
7/20/2015	4.8	8.2	0.00	1.3	9.7	1.78	0.0	6.0	1.78	0.0	6.0		
7/21/2015	4.8	8.2	0.00	0.5	10.5	2.30	0.0	6.0	2.30	0.7	5.3		
7/22/2015	4.8	8.2	0.00	0.5	10.5	2.22	0.0	6.0	2.23	0.9	5.1		
7/23/2015	4.8	8.2	0.00	0.7	10.3	2.34	0.0	6.0	2.34	1.0	5.0		
7/24/2015	4.8	8.2	0.00	0.5	10.5	2.34	0.2	5.8	2.34	1.2	4.8		
7/25/2015	4.8	8.2	0.00	0.6	10.4	1.48	0.3	5.7	1.48	1.2	4.8		
7/26/2015	4.8	8.2	0.00	0.6	10.4	1.23	0.4	5.6	1.23	0.6	5.4		
7/27/2015	4.8	8.2	0.00	0.6	10.4	1.48	0.4	5.6	1.48	0.6	5.4		
7/28/2015	4.8	8.2	0.00	0.3	10.7	1.32	0.0	6.0	1.32	0.6	5.4		
7/29/2015	4.8	8.2	0.00	0.5	10.5	1.35	0.0	6.0	1.35	0.6	5.4		
7/30/2015	4.8	8.2	0.00	0.4	10.6	1.36	0.0	6.0	1.36	0.6	5.4		
7/31/2015	4.8	8.2	0.00	0.8	10.2	1.37	0.7	5.3	1.37	0.6	5.4		
Sum	148.8	254.2	0.00	21.8	319.2	40.47	2.0	184.0	40.50	16.8	169.2		
Avg	4.8	8.2	0.00	0.7	10.3	1.31	0.1	5.9	1.31	0.5	5.5		
Max	4.8	8.2	0.00	1.3	10.7	2.34	0.7	6.0	2.34	2.0	6.0		
Min	4.8	8.2	0.00	0.3	9.7	0.00	0.0	5.3	0.00	0.0	4.0		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 7/1/2015 - 7/31/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
7/1/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/2/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/3/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/4/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/5/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/6/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/7/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/8/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/9/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/10/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/11/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/12/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/13/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/14/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/15/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/16/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/17/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/18/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/19/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/20/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/21/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/22/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/23/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/24/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/25/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/26/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/27/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/28/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/29/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/30/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
7/31/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Sum		0.00	0.0	186.0	0.00	0.0	77.5	0.00	0.0	77.5	0.00	0.0	77.5
Avg		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Max		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Min		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 8/1/2015 - 8/31/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
8/1/2015	0.00	3.4	11.6	0.00	2.8	12.2	0.00	7.9	7.1	0.00	6.9	5.1	0.00
8/2/2015	0.00	3.3	11.7	0.00	2.8	12.2	0.00	7.9	7.1	0.00	6.9	5.1	0.00
8/3/2015	0.00	3.2	11.8	0.00	2.6	12.4	0.00	7.7	7.3	0.00	6.7	5.3	0.00
8/4/2015	0.00	3.0	12.0	0.00	2.6	12.4	0.00	7.7	7.3	0.00	6.7	5.3	0.00
8/5/2015	0.00	3.0	12.0	0.00	2.6	12.4	0.00	7.7	7.3	0.00	6.7	5.3	0.00
8/6/2015	0.00	3.0	12.0	0.00	2.6	12.4	0.00	8.0	7.0	0.00	7.6	4.4	0.00
8/7/2015	0.00	3.0	12.0	0.00	2.5	12.5	0.00	8.2	6.8	0.00	6.8	5.2	0.00
8/8/2015	0.00	3.3	11.7	0.00	3.2	11.8	0.00	8.2	6.8	0.00	6.8	5.2	0.00
8/9/2015	0.00	3.2	11.8	0.00	3.1	11.9	0.00	8.0	7.0	0.00	6.8	5.2	0.00
8/10/2015	0.00	3.2	11.8	0.00	3.4	11.6	0.00	8.2	6.8	0.00	6.4	5.6	0.00
8/11/2015	0.00	3.2	11.8	0.00	3.6	11.4	0.00	7.8	7.2	0.00	6.7	5.3	0.00
8/12/2015	0.00	3.2	11.8	0.00	3.7	11.3	0.00	7.7	7.3	0.00	6.7	5.3	0.00
8/13/2015	0.00	3.2	11.8	0.00	3.8	11.2	0.00	7.7	7.3	0.00	6.7	5.3	0.00
8/14/2015	0.00	3.4	11.6	0.00	4.0	11.0	0.00	7.7	7.3	0.00	6.6	5.4	0.00
8/15/2015	0.00	3.5	11.5	0.00	4.1	10.9	0.00	7.7	7.3	0.00	6.5	5.5	0.00
8/16/2015	0.00	3.5	11.5	0.00	4.1	10.9	0.00	7.7	7.3	0.00	6.5	5.5	0.00
8/17/2015	0.00	3.4	11.6	0.00	4.4	10.6	0.00	7.4	7.6	0.00	6.5	5.5	0.00
8/18/2015	0.00	3.5	11.5	0.00	4.6	10.4	0.00	7.4	7.6	0.00	6.5	5.5	0.00
8/19/2015	0.00	3.5	11.5	0.00	4.6	10.4	0.00	7.4	7.6	0.00	6.5	5.5	0.00
8/20/2015	0.04	3.5	11.5	0.04	4.6	10.4	0.00	7.4	7.6	0.00	6.5	5.5	0.00
8/21/2015	0.00	3.5	11.5	0.00	4.6	10.4	0.00	7.4	7.6	0.00	6.5	5.5	0.00
8/22/2015	0.00	3.6	11.4	0.00	4.7	10.3	0.00	7.4	7.6	0.00	6.5	5.5	0.00
8/23/2015	0.00	3.6	11.4	0.00	4.7	10.3	0.00	7.3	7.7	0.00	6.4	5.6	0.00
8/24/2015	0.00	3.6	11.4	0.00	4.8	10.2	0.00	7.3	7.7	0.00	6.4	5.6	0.00
8/25/2015	0.00	3.6	11.4	0.00	4.8	10.2	0.00	7.0	8.0	0.00	6.4	5.6	0.00
8/26/2015	0.00	3.6	11.4	0.00	4.8	10.2	0.00	6.7	8.3	0.00	6.7	5.3	0.00
8/27/2015	0.34	3.6	11.4	0.00	4.8	10.2	0.00	6.7	8.3	0.00	6.5	5.5	0.00
8/28/2015	0.00	4.2	10.8	0.00	4.2	10.8	0.00	6.7	8.3	0.00	6.4	5.6	0.00
8/29/2015	0.00	4.2	10.8	0.00	4.2	10.8	0.00	6.7	8.3	0.00	6.4	5.6	0.00
8/30/2015	0.00	4.2	10.8	0.00	4.1	10.9	0.00	6.7	8.3	0.00	6.4	5.6	0.00
8/31/2015	0.00	4.2	10.8	0.00	4.1	10.9	0.00	6.7	8.3	0.00	6.4	5.6	0.00
Sum	0.38	107.4	357.6	0.04	119.5	345.5	0.00	232.0	233.0	0.00	205.0	167.0	0.00
Avg	0.01	3.5	11.5	0.00	3.9	11.1	0.00	7.5	7.5	0.00	6.6	5.4	0.00
Max	0.34	4.2	12.0	0.04	4.8	12.5	0.00	8.2	8.3	0.00	7.6	5.6	0.00
Min	0.00	3.0	10.8	0.00	2.5	10.2	0.00	6.7	6.8	0.00	6.4	4.4	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 8/1/2015 - 8/31/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
8/1/2015	4.8	8.2	0.00	0.7	10.3	1.33	0.8	5.2	1.33	0.6	5.4		
8/2/2015	4.8	8.2	0.00	0.9	10.1	1.34	0.9	5.1	1.34	0.6	5.4		
8/3/2015	4.8	8.2	0.00	0.8	10.2	1.38	1.0	5.0	1.38	0.6	5.4		
8/4/2015	4.8	8.2	0.00	0.5	10.5	1.43	1.2	4.8	1.43	0.6	5.4		
8/5/2015	4.8	8.2	0.00			1.52	1.3	4.7	1.52	0.6	5.4		
8/6/2015	4.8	8.2	0.00	0.7	10.3	5.52	1.3	4.7	5.52	0.9	5.1		
8/7/2015	4.8	8.2	0.00	0.6	10.4	2.89	1.8	4.2	2.89	1.8	4.2		
8/8/2015	4.8	8.2	0.00	0.6	10.4	1.48	2.1	3.9	1.48	1.5	4.5		
8/9/2015	4.8	8.2	0.00	1.1	9.9	1.53	2.2	3.8	1.53	0.9	5.1		
8/10/2015	4.8	8.2	0.00	1.6	9.6	1.47	1.5	4.5	1.47	0.5	5.5		
8/11/2015	4.8	8.2	0.00	0.8	10.2	1.31	2.3	3.7	1.32	0.6	5.4		
8/12/2015	4.8	8.2	0.00	0.7	10.3	0.06	2.3	3.7	0.06	0.0	6.0		
8/13/2015	4.8	8.2	0.00	0.4	10.6	0.34	0.0	6.0	0.34	0.0	6.0		
8/14/2015	4.8	8.2	0.00	1.3	9.7	0.24	0.0	6.0	0.24	0.2	5.8		
8/15/2015	4.8	8.2	0.00	0.8	10.2	1.62	0.0	6.0	1.60	0.0	6.0		
8/16/2015	4.8	8.2	0.00	0.8	10.2	1.66	0.0	6.0	1.66	0.5	5.5		
8/17/2015	4.8	8.2	0.00	1.1	9.9	1.62	0.0	6.0	1.62	0.5	5.5		
8/18/2015	4.8	8.2	0.00	0.4	10.6	1.33	0.0	6.0	1.33	0.6	5.4		
8/19/2015	4.8	8.2	0.00	0.6	10.4	1.00	0.0	6.0	1.00	0.0	6.0		
8/20/2015	4.8	8.2	0.00	0.8	10.2	1.75	0.0	6.0	1.75	0.0	6.0		
8/21/2015	4.8	8.2	0.00	0.5	10.5	1.81	0.0	6.0	1.82	0.0	6.0		
8/22/2015	4.8	8.2	0.00	1.2	9.8	1.74	0.0	6.0	1.74	0.6	5.4		
8/23/2015	4.8	8.2	0.00	0.8	10.2	1.76	0.4	5.6	1.76	0.6	5.4		
8/24/2015	4.8	8.2	0.00	0.9	10.1	1.36	0.0	6.0	1.36	0.5	5.5		
8/25/2015	4.8	8.2	0.00	0.8	10.2	0.11	0.0	6.0	0.10	0.0	6.0		
8/26/2015	4.8	8.2	0.00	0.5	10.5	0.92	0.0	6.0	0.92	0.0	6.0		
8/27/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	1.59	0.0	6.0		
8/28/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.0	6.0	1.84	0.5	5.5		
8/29/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	1.76	0.0	6.0		
8/30/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	1.82	0.5	5.5		
8/31/2015	4.8	8.2	0.00	0.3	10.7	0.00	0.0	6.0	1.79	0.5	5.5		
Sum	148.8	254.2	0.00	23.4	306.8	38.51	19.1	166.9	47.31	14.1	171.8		
Avg	4.8	8.2	0.00	0.8	10.2	1.24	0.6	5.4	1.53	0.5	5.5		
Max	4.8	8.2	0.00	1.6	10.7	5.52	2.3	6.0	5.52	1.8	6.0		
Min	4.8	8.2	0.00	0.3	9.6	0.00	0.0	3.7	0.06	0.0	4.2		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 8/1/2015 - 8/31/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
8/1/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/2/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/3/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/4/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/5/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/6/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/7/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/8/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/9/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/10/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/11/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/12/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/13/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/14/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/15/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/16/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/17/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/18/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/19/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/20/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/21/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/22/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/23/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/24/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/25/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/26/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/27/2015		1.59	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/28/2015		1.84	0.3	5.7	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/29/2015		1.76	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/30/2015		1.82	0.5	5.5	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
8/31/2015		1.79	0.5	5.5	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Sum		8.80	1.3	184.7	0.00	0.0	77.5	0.00	0.0	77.5	0.00	0.0	77.5
Avg		0.28	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Max		1.84	0.5	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Min		0.00	0.0	5.5	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 9/1/2015 - 9/30/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
9/1/2015	0.00	4.2	10.8	0.00	4.1	10.9	0.00	6.7	8.3	0.00	6.4	5.6	0.00
9/2/2015	0.00	4.2	10.8	0.00	4.0	11.0	0.00	6.5	8.5	0.00	6.5	5.5	0.00
9/3/2015	0.00	4.3	10.7	0.00	4.2	10.8	0.00	6.4	8.6	0.00	6.5	5.5	0.00
9/4/2015	0.00	4.3	10.7	0.00	4.0	11.0	0.00	6.4	8.6	0.00	6.5	5.5	0.00
9/5/2015	0.00	4.3	10.7	0.00	4.0	11.0	0.00	6.4	8.6	0.00	6.5	5.5	0.00
9/6/2015	0.00	4.0	11.0	0.00	4.0	11.0	0.00	6.4	8.6	0.00	6.5	5.5	0.00
9/7/2015	0.00	4.5	10.5	0.00	4.1	10.9	0.00	6.4	8.6	0.00	6.0	6.0	0.00
9/8/2015	0.00	4.5	10.5	0.00	4.1	10.9	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/9/2015	0.00	4.6	10.4	0.00	4.3	10.7	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/10/2015	0.00	4.7	10.3	0.00	4.5	10.5	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/11/2015	0.00	4.7	10.3	0.00	4.7	10.3	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/12/2015	0.00	4.7	10.3	0.00	4.7	10.3	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/13/2015	0.00	4.7	10.3	0.00	4.4	10.6	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/14/2015	0.00	4.6	10.4	0.00	4.3	10.7	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/15/2015	0.00	4.7	10.3	0.00	4.6	10.4	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/16/2015	0.00	4.7	10.3	0.00	4.5	10.5	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/17/2015	0.00	4.7	10.3	0.00	4.5	10.5	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/18/2015	0.00	4.7	10.3	0.00	4.5	10.5	0.00	6.5	8.5	0.00	6.0	6.0	0.00
9/19/2015	0.00	4.7	10.3	0.00	4.5	10.5	0.00	6.5	8.5	0.00	6.3	5.7	0.00
9/20/2015	0.00	4.6	10.4	0.00	4.4	10.6	0.00	6.4	8.6	0.00	6.2	5.8	0.00
9/21/2015	0.33	4.6	10.4	0.00	4.4	10.6	0.00	6.4	8.6	0.00	6.2	5.8	0.00
9/22/2015	0.00	4.7	10.3	0.00	4.5	10.5	0.00	6.2	8.8	0.00	6.4	5.6	0.00
9/23/2015	0.00	4.7	10.3	0.00	4.6	10.4	0.00	6.1	8.9	0.00	6.5	5.5	0.00
9/24/2015	0.23	4.7	10.3	0.23	4.6	10.4	0.00	6.1	8.9	0.00	6.5	5.5	0.00
9/25/2015	0.00	4.9	10.1	0.00	4.8	10.2	0.00	6.1	8.9	0.00	6.5	5.5	0.00
9/26/2015	0.00	4.7	10.3	0.00	4.5	10.5	0.00	6.1	8.9	0.00	6.5	5.5	0.00
9/27/2015	0.00	4.7	10.3	0.00	4.4	10.6	0.00	6.1	8.9	0.00	6.5	5.5	0.00
9/28/2015	0.00	5.1	9.9	0.00	5.0	10.0	0.00	6.1	8.9	0.00	6.5	5.5	0.00
9/29/2015	0.03	5.1	9.9	0.00	5.0	10.0	0.00	6.1	8.9	0.00	6.5	5.5	0.00
9/30/2015	0.00	5.2	9.8	0.00	5.0	10.0	0.00	6.2	8.8	0.00	6.5	5.5	0.00
Sum	0.59	138.8	311.2	0.23	133.2	316.8	0.00	191.1	258.9	0.00	188.0	172.0	0.00
Avg	0.02	4.6	10.4	0.01	4.4	10.6	0.00	6.4	8.6	0.00	6.3	5.7	0.00
Max	0.33	5.2	11.0	0.23	5.0	11.0	0.00	6.7	8.9	0.00	6.5	6.0	0.00
Min	0.00	4.0	9.8	0.00	4.0	10.0	0.00	6.1	8.3	0.00	6.0	5.5	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 9/1/2015 - 9/30/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
9/1/2015	4.8	8.2	0.00	0.3	10.7	0.00	0.0	6.0	1.84	0.6	5.4		
9/2/2015	4.8	8.2	0.00	0.3	10.7	0.00	0.0	6.0	1.96	0.0	6.0		
9/3/2015	4.8	8.2	0.00	0.5	10.5	0.00	0.0	6.0	0.00	0.0	6.0		
9/4/2015	4.8	8.2	0.00	0.5	10.5	3.47	0.0	6.0	0.00	0.0	6.0		
9/5/2015	4.8	8.2	0.00	0.5	10.5	3.74	0.0	6.0	0.00	0.0	6.0		
9/6/2015	4.8	8.2	0.00	0.0	11.0	3.51	0.2	5.8	0.00	0.0	6.0		
9/7/2015	4.8	8.2	0.00	0.5	10.5	3.48	0.4	5.6	0.00	0.0	6.0		
9/8/2015	4.8	8.2	0.00	1.2	9.8	5.70	0.6	5.4	0.00	0.0	6.0		
9/9/2015	4.8	8.2	0.00	1.2	9.8	1.71	2.9	3.1	1.71	0.0	6.0		
9/10/2015	4.8	8.2	0.00	0.9	10.1	2.50	0.2	5.8	2.50	0.0	6.0		
9/11/2015	4.8	8.2	0.00	0.4	10.6	0.00	0.0	6.0	2.30	0.6	5.4		
9/12/2015	4.8	8.2	0.00	0.5	10.5	0.00	0.0	6.0	1.90	0.0	6.0		
9/13/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	1.99	0.6	5.4		
9/14/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.0	6.0	0.00	0.3	5.7		
9/15/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	0.0	6.0		
9/16/2015	4.8	8.2	0.00	0.3	10.7	0.00	0.0	6.0	0.00	0.0	6.0		
9/17/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
9/18/2015	4.8	8.2	0.00	1.2	9.8	4.27	0.0	6.0	0.00	0.0	6.0		
9/19/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	3.95	0.0	6.0		
9/20/2015	4.8	8.2	0.00	1.0	10.0	0.00	1.1	4.9	0.00	0.1	5.9		
9/21/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.0	6.0		
9/22/2015	6.0	7.0	0.00	0.5	10.5	0.00	0.0	6.0	3.80	0.0	6.0		
9/23/2015	6.0	7.0	0.00	0.7	10.3	1.66	0.0	6.0	1.66	0.0	6.0		
9/24/2015	6.0	7.0	0.00	0.5	10.5	1.72	0.0	6.0	1.72	0.0	6.0		
9/25/2015	6.0	7.0	0.00	0.5	10.5	0.00	0.0	6.0	0.00	0.6	5.4		
9/26/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	0.0	6.0		
9/27/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
9/28/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	2.36	0.0	6.0		
9/29/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.0	6.0	2.12	0.5	5.5		
9/30/2015	4.8	8.2	0.00	1.4	9.6	0.00	0.0	6.0	2.01	0.5	5.5		
Sum	148.8	241.2	0.00	22.4	307.6	31.77	5.4	174.6	31.81	3.7	176.2		
Avg	5.0	8.0	0.00	0.7	10.3	1.06	0.2	5.8	1.06	0.1	5.9		
Max	6.0	8.2	0.00	1.4	11.0	5.70	2.9	6.0	3.95	0.6	6.0		
Min	4.8	7.0	0.00	0.0	9.6	0.00	0.0	3.1	0.00	0.0	5.4		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 9/1/2015 - 9/30/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
9/1/2015		1.84	0.5	5.5	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/2/2015		1.96	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/3/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	3.56	0.0	2.5
9/4/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/5/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/6/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/7/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/8/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/9/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/10/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/11/2015		2.30	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/12/2015		1.90	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/13/2015		1.99	0.6	5.4	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/14/2015		0.00	0.6	5.4	3.17	0.0	2.5	3.17	0.0	2.5	0.00	0.0	2.5
9/15/2015		0.00	0.0	6.0	0.00	1.1	2.5	4.48	0.0	2.5	0.00	0.0	2.5
9/16/2015		0.00	0.0	6.0	4.28	0.0	2.5	0.00	1.7	2.5	0.00	0.0	2.5
9/17/2015		0.00	0.0	6.0	4.02	0.1	2.5	0.00	1.2	2.5	0.00	0.0	2.5
9/18/2015		0.00	0.0	6.0	0.00	1.3	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/19/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/20/2015		3.55	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/21/2015		0.00	0.7	5.3	2.29	0.0	2.5	2.29	0.0	2.5	0.00	0.0	2.5
9/22/2015		0.00	0.0	6.0	0.00	1.7	2.5	0.00	0.9	2.5	0.00	0.0	2.5
9/23/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/24/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/25/2015		3.63	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/26/2015		0.00	0.7	5.3	3.42	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/27/2015		0.00	0.0	6.0	1.74	0.8	2.5	1.74	0.0	2.5	0.00	0.0	2.5
9/28/2015		2.36	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/29/2015		2.12	0.6	5.4	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
9/30/2015		2.01	0.6	5.4	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Sum		23.66	4.3	175.7	18.93	5.0	75.0	11.68	3.8	75.0	3.56	0.0	75.0
Avg		0.79	0.1	5.9	0.63	0.2	2.5	0.39	0.1	2.5	0.12	0.0	2.5
Max		3.63	0.7	6.0	4.28	1.7	2.5	4.48	1.7	2.5	3.56	0.0	2.5
Min		0.00	0.0	5.3	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 10/1/2015 - 10/31/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
10/1/2015	0.00	5.2	9.8	0.00	4.9	10.1	0.00	6.2	8.8	0.00	6.4	5.6	0.00
10/2/2015	0.00	5.1	9.9	0.00	4.9	10.1	0.00	6.7	8.3	0.00	6.4	5.6	0.00
10/3/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	6.7	8.3	0.00	6.3	5.7	0.00
10/4/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	5.0	10.0	0.00	6.4	5.6	0.00
10/5/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	5.0	10.0	0.00	6.4	5.6	0.00
10/6/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	5.0	10.0	0.00	6.4	5.6	0.00
10/7/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	5.0	10.0	0.00	6.4	5.6	0.00
10/8/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	5.0	10.0	0.00	6.5	5.5	0.00
10/9/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	5.0	10.0	0.00	6.5	5.5	0.00
10/10/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	5.0	10.0	0.00	6.6	5.4	0.00
10/11/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	5.0	10.0	0.00	6.6	5.4	0.00
10/12/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	5.0	10.0	0.00	6.6	5.4	0.00
10/13/2015	0.00	5.0	10.0	0.00	4.8	10.2	0.00	5.0	10.0	0.00	6.6	5.4	0.00
10/14/2015	1.29	5.0	10.0	1.29	5.0	10.0	0.00	5.0	10.0	0.00	6.7	5.3	0.00
10/15/2015	0.62	5.5	9.5	0.62	5.2	9.8	0.00	5.0	10.0	0.00	6.7	5.3	0.00
10/16/2015	0.00	5.6	9.4	0.00	5.2	9.8	0.00	5.0	10.0	0.00	6.7	5.3	0.00
10/17/2015	0.00	5.5	9.5	0.00	5.2	9.8	0.00	5.0	10.0	0.00	6.8	5.2	0.00
10/18/2015	0.00	5.4	9.6	0.00	5.2	9.8	0.00	5.0	10.0	0.00	6.8	5.2	0.00
10/19/2015	0.00	5.4	9.6	0.00	5.2	9.8	0.00	5.0	10.0	0.00	6.8	5.2	0.00
10/20/2015	0.35	5.4	9.6	0.35	5.2	9.8	0.00	5.0	10.0	0.00	6.8	5.2	0.00
10/21/2015	0.00	5.4	9.6	0.00	5.3	9.7	0.00	5.0	10.0	0.00	6.9	5.1	0.00
10/22/2015	0.40	5.4	9.6	0.40	5.3	9.7	0.00	5.0	10.0	0.00	7.0	5.0	0.00
10/23/2015	0.24	5.6	9.4	0.24	5.0	10.0	0.00	5.0	10.0	0.00	7.0	5.0	0.00
10/24/2015	0.00	5.4	9.6	0.00	5.0	10.0	0.00	5.0	10.0	0.00	7.0	5.0	0.00
10/25/2015	0.19	5.4	9.6	0.19	5.0	10.0	0.00	5.0	10.0	0.00	7.0	5.0	0.00
10/26/2015	0.00	5.5	9.5	0.00	5.1	9.9	0.00	5.0	10.0	0.00	7.0	5.0	0.00
10/27/2015	0.00	5.5	9.5	0.00	5.3	9.7	0.00	5.0	10.0	0.00	7.0	5.0	0.00
10/28/2015	0.00	5.6	9.4	0.00	5.4	9.6	0.00	5.0	10.0	0.00	7.2	4.8	0.00
10/29/2015	0.75	5.5	9.5	0.75	5.4	9.6	0.00	5.0	10.0	0.00	7.2	4.8	0.00
10/30/2015	0.00	5.8	9.2	0.00	5.7	9.3	0.00	5.0	10.0	0.00	7.2	4.8	0.00
10/31/2015	0.00	5.8	9.2	0.00	5.7	9.3	0.00	5.0	10.0	0.00	7.2	4.8	0.00
Sum	3.84	164.0	301.0	3.84	157.0	308.0	0.00	159.6	305.4	0.00	209.1	162.9	0.00
Avg	0.12	5.3	9.7	0.12	5.1	9.9	0.00	5.1	9.9	0.00	6.7	5.3	0.00
Max	1.29	5.8	10.0	1.29	5.7	10.2	0.00	6.7	10.0	0.00	7.2	5.7	0.00
Min	0.00	5.0	9.2	0.00	4.8	9.3	0.00	5.0	8.3	0.00	6.3	4.8	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 10/1/2015 - 10/31/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
10/1/2015	4.8	8.2	0.00	1.4	9.6	0.00	0.0	6.0	0.00	0.0	6.0		
10/2/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.0	6.0		
10/3/2015	4.8	8.2	0.00	0.7	10.3	3.90	0.0	6.0	0.00	0.0	6.0		
10/4/2015	4.8	8.2	0.00	0.5	10.5	0.00	0.0	6.0	0.00	0.0	6.0		
10/5/2015	4.8	8.2	0.00	1.2	9.8	0.00	0.0	6.0	0.00	0.0	6.0		
10/6/2015	4.8	8.2	0.00	1.1	9.9	3.62	0.0	6.0	0.00	0.0	6.0		
10/7/2015	4.8	8.2	0.00	0.5	10.5	3.52	0.0	6.0	0.00	0.0	6.0		
10/8/2015	4.8	8.2	0.00	0.5	10.5	0.00	1.1	4.9	3.68	0.0	6.0		
10/9/2015	4.8	8.2	0.00	0.5	10.5	0.00	0.0	6.0	0.00	0.6	5.4		
10/10/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.0	6.0	0.00	0.0	6.0		
10/11/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	5.49	0.0	6.0		
10/12/2015	4.8	8.2	0.00	0.5	10.5	5.16	0.0	6.0	0.00	0.5	5.5		
10/13/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	1.76	0.0	6.0		
10/14/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.0	6.0	3.48	0.6	5.4		
10/15/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	2.46	1.9	4.1		
10/16/2015	4.8	8.2	0.00	0.2	10.8	0.00	0.0	6.0	0.00	0.8	5.2		
10/17/2015	4.8	8.2	0.00	1.1	9.9	3.26	0.0	6.0	0.00	0.0	6.0		
10/18/2015	4.8	8.2	0.00	0.6	10.4	3.65	0.0	6.0	0.00	0.0	6.0		
10/19/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.1	5.9	3.47	0.0	6.0		
10/20/2015	4.8	8.2	0.00	1.0	10.0	0.00	0.0	6.0	0.00	0.2	5.8		
10/21/2015	4.8	8.2	0.00	1.0	10.0	4.74	0.0	6.0	0.00	0.0	6.0		
10/22/2015	4.8	8.2	0.00	0.8	10.2	3.05	0.0	6.0	0.00	0.0	6.0		
10/23/2015	4.8	8.2	0.00	0.7	10.3	3.51	0.4	5.6	0.00	0.0	6.0		
10/24/2015	4.8	8.2	0.00	0.6	10.4	0.00	1.1	4.9	3.37	0.0	6.0		
10/25/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	0.6	5.4		
10/26/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	0.0	6.0		
10/27/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	3.87	0.0	6.0		
10/28/2015	4.8	8.2	0.00	0.6	10.4	1.91	0.0	6.0	1.91	0.5	5.5		
10/29/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	0.5	5.5		
10/30/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	3.69	0.0	6.0		
10/31/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	1.2	4.8		
Sum	148.8	254.2	0.00	23.5	317.5	36.31	2.7	183.3	33.17	7.4	178.6		
Avg	4.8	8.2	0.00	0.8	10.2	1.17	0.1	5.9	1.07	0.2	5.8		
Max	4.8	8.2	0.00	1.4	10.8	5.16	1.1	6.0	5.49	1.9	6.0		
Min	4.8	8.2	0.00	0.2	9.6	0.00	0.0	4.9	0.00	0.0	4.1		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 10/1/2015 - 10/31/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
10/1/2015		4.11	1.1	4.9	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/2/2015		0.00	1.2	4.8	4.13	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/3/2015		0.00	0.0	6.0	0.00	1.1	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/4/2015		3.88	0.0	6.0	0.00	0.3	2.2	0.00	0.0	2.5	0.00	0.0	2.5
10/5/2015		0.00	1.2	4.8	3.42	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/6/2015		0.00	0.0	6.0	0.00	1.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/7/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/8/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/9/2015		4.22	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/10/2015		0.00	1.0	5.0	2.97	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/11/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/12/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/13/2015		1.76	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/14/2015		3.48	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/15/2015		2.46	1.5	4.5	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/16/2015		0.00	0.3	5.7	1.45	0.0	2.5	1.45	0.0	2.5	0.00	0.0	2.5
10/17/2015		0.00	0.0	6.0	0.00	0.7	2.5	0.00	0.6	2.5	0.00	0.0	2.5
10/18/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/19/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/20/2015		2.26	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/21/2015		0.00	1.0	5.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/22/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/23/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/24/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/25/2015		4.60	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/26/2015		0.00	0.0	6.0	4.11	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/27/2015		0.00	0.0	6.0	0.00	1.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/28/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/29/2015		5.11	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/30/2015		0.00	1.0	5.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
10/31/2015		3.60	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Sum		35.48	8.3	177.7	16.08	4.1	77.2	1.45	0.6	77.5	0.00	0.0	77.5
Avg		1.14	0.3	5.7	0.52	0.1	2.5	0.05	0.0	2.5	0.00	0.0	2.5
Max		5.11	1.5	6.0	4.13	1.1	2.5	1.45	0.6	2.5	0.00	0.0	2.5
Min		0.00	0.0	4.5	0.00	0.0	2.2	0.00	0.0	2.5	0.00	0.0	2.5

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 11/1/2015 - 11/30/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
11/1/2015	0.30	5.8	9.2	0.30	5.6	9.4	0.00	5.0	10.0	0.00	7.2	4.8	0.00
11/2/2015	0.63	5.5	9.5	0.63	5.2	9.8	0.00	5.0	10.0	0.00	7.2	4.8	0.00
11/3/2015	0.00	5.4	9.6	0.00	5.3	9.7	0.00	5.0	10.0	0.00	7.2	4.8	0.00
11/4/2015	0.44	5.6	9.4	0.44	5.4	9.6	0.00	5.0	10.0	0.00	7.3	4.7	0.00
11/5/2015	0.30	5.8	9.2	0.30	5.7	9.3	0.00	5.0	10.0	0.00	7.3	4.7	0.00
11/6/2015	0.00	5.8	9.2	0.00	5.6	9.4	0.00	5.0	10.0	0.00	7.3	4.7	0.00
11/7/2015	0.00	5.7	9.3	0.00	5.6	9.4	0.00	5.0	10.0	0.00	7.3	4.7	0.00
11/8/2015	0.00	5.6	9.4	0.00	5.5	9.5	0.00	5.0	10.0	0.00	7.3	4.7	0.00
11/9/2015	0.09	5.6	9.4	0.09	5.4	9.6	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/10/2015	0.00	5.6	9.4	0.00	5.4	9.6	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/11/2015	0.50	5.6	9.4	0.50	5.4	9.6	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/12/2015	0.24	5.7	9.3	0.24	5.7	9.3	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/13/2015	0.00	5.7	9.3	0.00	5.6	9.4	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/14/2015	0.00	5.7	9.3	0.00	5.6	9.4	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/15/2015	0.13	5.7	9.3	0.13	5.6	9.4	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/16/2015	0.63	5.9	9.1	0.63	5.8	9.2	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/17/2015	0.00	5.8	9.2	0.00	5.8	9.2	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/18/2015	0.00	5.8	9.2	0.00	5.8	9.2	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/19/2015	0.00	5.8	9.2	0.00	5.7	9.3	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/20/2015	0.46	5.8	9.2	0.46	5.7	9.3	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/21/2015	0.00	5.9	9.1	0.00	5.3	9.7	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/22/2015	0.00	5.8	9.2	0.00	5.3	9.7	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/23/2015	0.00	5.7	9.3	0.00	5.5	9.5	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/24/2015	0.00	5.7	9.3	0.00	5.5	9.5	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/25/2015	0.00	5.7	9.3	0.00	5.5	9.5	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/26/2015	0.00	5.7	9.3	0.00	5.5	9.5	0.00	5.0	10.0	0.00	7.5	4.5	0.00
11/27/2015	0.00	5.7	9.3	0.00	5.5	9.5	0.00	4.7	10.3	0.00	7.5	4.5	0.00
11/28/2015	0.00	5.7	9.3	0.00	5.5	9.5	0.00	4.7	10.3	0.00	7.5	4.5	0.00
11/29/2015	0.00	5.7	9.3	0.00	5.5	9.5	0.00	4.7	10.3	0.00	7.5	4.5	0.00
11/30/2015	0.00	5.7	9.3	0.00	5.5	9.5	0.00	4.7	10.3	0.00	7.5	4.5	0.00
Sum	3.72	171.2	278.8	3.72	166.0	284.0	0.00	148.8	301.2	0.00	223.1	136.9	0.00
Avg	0.12	5.7	9.3	0.12	5.5	9.5	0.00	5.0	10.0	0.00	7.4	4.6	0.00
Max	0.63	5.9	9.6	0.63	5.8	9.8	0.00	5.0	10.3	0.00	7.5	4.8	0.00
Min	0.00	5.4	9.1	0.00	5.2	9.2	0.00	4.7	10.0	0.00	7.2	4.5	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 11/1/2015 - 11/30/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
11/1/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	0.0	6.0		
11/2/2015	4.8	8.2	0.00	0.7	10.3	3.37	0.0	6.0	0.00	0.0	6.0		
11/3/2015	4.8	8.2	0.00	0.7	10.3	3.55	0.0	6.0	0.00	0.0	6.0		
11/4/2015	4.8	8.2	0.00	0.6	10.4	3.49	0.7	5.3	0.00	0.0	6.0		
11/5/2015	4.8	8.2	0.00	0.2	10.8	0.00	1.1	4.9	3.62	0.0	6.0		
11/6/2015	4.8	8.2	0.00	0.4	10.6	0.00	0.0	6.0	4.03	0.6	5.4		
11/7/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	1.1	4.9		
11/8/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	0.0	6.0		
11/9/2015	4.8	8.2	0.00	0.7	10.3	3.55	0.0	6.0	0.00	0.0	6.0		
11/10/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.2	5.8	3.45	0.0	6.0		
11/11/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.0	6.0	0.00	0.4	5.6		
11/12/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.0	6.0	0.00	0.0	6.0		
11/13/2015	4.8	8.2	0.00	0.5	10.5	3.40	0.0	6.0	0.00	0.0	6.0		
11/14/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.2	5.8	3.50	0.0	6.0		
11/15/2015	4.8	8.2	0.00	0.7	10.3	5.29	0.0	6.0	5.29	0.9	5.1		
11/16/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.8	5.2	0.00	2.0	4.0		
11/17/2015	4.8	8.2	0.00	0.9	10.1	1.33	0.5	5.5	1.33	0.0	6.0		
11/18/2015	4.8	8.2	0.00	0.8	10.2	2.14	0.0	6.0	2.14	0.0	6.0		
11/19/2015	4.8	8.2	0.00	0.2	10.8	0.00	0.9	5.1	3.85	0.5	5.5		
11/20/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	1.4	4.6		
11/21/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	0.0	6.0		
11/22/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	0.0	6.0		
11/23/2015	4.8	8.2	0.00	0.7	10.3	5.31	0.0	6.0	0.00	0.0	6.0		
11/24/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.9	5.1	0.00	0.0	6.0		
11/25/2015	4.8	8.2	0.00	0.8	10.2	3.79	0.0	6.0	0.00	0.0	6.0		
11/26/2015	4.8	8.2	0.00	0.6	10.4	3.74	0.9	5.1	0.00	0.0	6.0		
11/27/2015	4.8	5.2	0.00	0.8	10.2	0.00	1.0	5.0	3.48	0.0	6.0		
11/28/2015	4.8	5.2	0.00	0.5	10.5	0.00	0.5	5.5	0.00	0.6	5.4		
11/29/2015	4.8	5.2	0.00	0.9	10.1	0.00	0.0	6.0	0.00	0.0	6.0		
11/30/2015	4.8	5.2	0.00	0.9	10.1	3.48	0.0	6.0	0.00	0.0	6.0		
Sum	144.0	234.0	0.00	20.2	309.8	42.44	7.7	172.3	30.69	7.4	172.5		
Avg	4.8	7.8	0.00	0.7	10.3	1.41	0.3	5.7	1.02	0.2	5.8		
Max	4.8	8.2	0.00	0.9	10.8	5.31	1.1	6.0	5.29	2.0	6.0		
Min	4.8	5.2	0.00	0.2	10.1	0.00	0.0	4.9	0.00	0.0	4.0		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 11/1/2015 - 11/30/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
11/1/2015		0.00	1.1	4.9	3.77	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/2/2015		0.00	0.0	6.0	0.00	1.1	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/3/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/4/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/5/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/6/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/7/2015		3.44	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/8/2015		0.00	1.1	4.9	3.43	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/9/2015		0.00	0.0	6.0	0.00	1.1	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/10/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/11/2015		3.57	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/12/2015		0.00	1.2	4.8	3.61	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/13/2015		0.00	0.0	6.0	0.00	1.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/14/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/15/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/16/2015		0.00	0.0	6.0	2.49	0.0	2.5	2.49	0.0	2.5	0.00	0.0	2.5
11/17/2015		0.00	0.0	6.0	0.00	0.9	2.5	0.00	1.6	2.5	0.00	0.0	2.5
11/18/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.6	2.5	0.00	0.0	2.5
11/19/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/20/2015		3.99	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/21/2015		4.33	1.2	4.8	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/22/2015		3.61	1.4	4.6	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/23/2015		0.00	1.4	4.6	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/24/2015		0.00	0.0	6.0	0.00	0.0	2.5	3.51	0.0	2.5	0.00	0.0	2.5
11/25/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	2.2	2.5	0.00	0.0	2.5
11/26/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/27/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/28/2015		3.78	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/29/2015		0.00	1.2	4.8	3.28	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
11/30/2015		0.00	0.0	6.0	0.00	0.9	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Sum		22.71	8.6	171.4	16.58	5.0	75.0	6.00	4.4	75.0	0.00	0.0	75.0
Avg		0.76	0.3	5.7	0.55	0.2	2.5	0.20	0.1	2.5	0.00	0.0	2.5
Max		4.33	1.4	6.0	3.77	1.1	2.5	3.51	2.2	2.5	0.00	0.0	2.5
Min		0.00	0.0	4.6	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 12/1/2015 - 12/31/2015	Pond No 1 Flow MGD Daily	Pond No 1 Level Feet Daily	Pond No 1 Freeboard Level Feet Daily	Pond No 2 Flow MGD Daily	Pond No 2 Level Feet Daily	Pond No 2 Freeboard Level Feet Daily	Pond No 3 Flow MGD Daily	Pond No 3 Level Feet Daily	Pond No 3 Freeboard Level Feet Daily	Pond No 4 Flow MGD Daily	Pond No 4 Level Feet Daily	Pond No 4 Freeboard Level Feet Daily	Pond No 5 Flow MGD Daily
12/1/2015	0.55	5.7	9.3	0.55	5.7	9.3	0.00	4.7	10.3	0.00	7.5	4.5	0.00
12/2/2015	0.00	5.8	9.2	0.00	5.7	9.3	0.00	4.7	10.3	0.00	7.5	4.5	0.00
12/3/2015	0.00	5.7	9.3	0.00	5.7	9.3	0.52	4.7	10.3	0.00	7.5	4.5	0.00
12/4/2015	0.00	5.7	9.3	0.00	5.7	9.3	0.00	4.5	10.5	0.00	7.5	4.5	0.00
12/5/2015	0.00	5.7	9.3	0.00	5.7	9.3	0.00	4.5	10.5	0.00	7.5	4.5	0.00
12/6/2015	0.00	5.7	9.3	0.00	5.7	9.3	0.00	4.5	10.5	0.00	7.5	4.5	0.00
12/7/2015	0.00	5.7	9.3	0.00	5.7	9.3	0.00	4.5	10.5	0.00	7.5	4.5	0.00
12/8/2015	0.00	5.7	9.3	0.00	5.7	9.3	0.00	4.0	11.0	0.00	7.5	4.5	0.00
12/9/2015	0.47	5.8	9.2	0.00	5.7	9.3	0.00	4.0	11.0	0.00	7.5	4.5	0.00
12/10/2015	0.00	5.9	9.1	0.00	5.7	9.3	0.00	4.0	11.0	0.00	7.5	4.5	0.00
12/11/2015	0.00	5.9	9.1	0.00	5.7	9.3	0.00	4.0	11.0	0.00	7.5	4.5	0.00
12/12/2015	0.00	5.9	9.1	0.00	5.7	9.3	0.00	4.0	11.0	0.00	7.5	4.5	0.00
12/13/2015	0.51	5.8	9.2	0.51	5.7	9.3	0.00	4.0	11.0	0.00	7.5	4.5	0.00
12/14/2015	0.00	5.9	9.1	0.00	5.6	9.4	0.00	4.0	11.0	0.00	7.5	4.5	0.00
12/15/2015	0.00	5.9	9.1	0.68	5.6	9.4	0.00	4.0	11.0	0.00	7.5	4.5	0.00
12/16/2015	0.00	5.9	9.1	0.00	5.8	9.2	0.00	4.0	11.0	0.00	7.3	4.7	0.00
12/17/2015	0.00	5.9	9.1	0.00	5.8	9.2	0.00	3.7	11.3	0.00	7.7	4.3	0.00
12/18/2015	2.40	6.0	9.0	0.00	5.8	9.2	0.00	4.0	11.0	0.00	7.8	4.2	0.00
12/19/2015	0.00	5.7	9.3	0.00	5.8	9.2	0.00	4.0	11.0	0.00	7.8	4.2	0.00
12/20/2015	0.00	5.7	9.3	0.00	5.8	9.2	0.00	4.0	11.0	0.00	7.8	4.2	0.00
12/21/2015	0.00	5.9	9.1	0.00	5.8	9.2	0.00	4.0	11.0	0.00	7.5	4.5	0.00
12/22/2015	0.00	5.9	9.1	0.00	5.7	9.3	0.00	4.0	11.0	0.00	7.5	4.5	0.00
12/23/2015	0.00	5.9	9.1	0.00	5.7	9.3	0.00	4.0	11.0	0.00	7.4	4.6	0.00
12/24/2015	0.00	5.9	9.1	0.00	5.7	9.3	0.00	4.0	11.0	0.00	7.4	4.6	0.00
12/25/2015	0.00	5.9	9.1	0.00	5.7	9.3	0.00	4.0	11.0	0.00	7.4	4.6	0.00
12/26/2015	0.00	6.0	9.0	0.00	5.8	9.2	0.00	4.0	11.0	0.00	7.4	4.6	0.00
12/27/2015	0.00	6.0	9.0	0.00	5.8	9.2	0.00	4.0	11.0	0.00	7.4	4.6	0.00
12/28/2015	0.70	5.9	9.1	0.70	5.8	9.2	0.00	4.0	11.0	0.00	7.4	4.6	0.00
12/29/2015	0.52	6.0	9.0	0.52	6.0	9.0	0.00	4.0	11.0	0.00	7.4	4.6	0.00
12/30/2015	0.22	6.1	8.9	0.22	6.0	9.0	0.00	4.0	11.0	0.00	7.4	4.6	0.00
12/31/2015	0.70	6.1	8.9	0.70	6.0	9.0	0.00	4.0	11.0	0.00	7.4	4.6	0.00
Sum	6.07	181.6	283.4	3.88	172.5	286.7	0.52	127.8	337.2	0.00	232.5	139.5	0.00
Avg	0.20	5.9	9.1	0.13	5.8	9.2	0.02	4.1	10.9	0.00	7.5	4.5	0.00
Max	2.40	6.1	9.3	0.70	6.0	9.4	0.52	4.7	11.3	0.00	7.8	4.7	0.00
Min	0.00	5.7	8.9	0.00	5.6	9.0	0.00	3.7	10.3	0.00	7.3	4.2	0.00

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 12/1/2015 - 12/31/2015	Pond No 5 Level Feet Daily	Pond No 5 Freeboard Level Feet Daily	Pond No 6 Flow MGD Daily	Pond No 6 Level Feet Daily	Pond No 6 Freeboard Level Feet Daily	Pond No 7 Flow MGD Daily	Pond No 7 Level Feet Daily	Pond No 7 Freeboard Level Feet Daily	Pond No 8 Flow MGD Daily	Pond No 8 Level Feet Daily	Pond No 8 Freeboard Level Feet Daily	Pond No 9 Flow MGD Daily	Pond No 9 Level Feet Daily
12/1/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.5	5.5	3.48	0.0	6.0		
12/2/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.0	6.0	5.60	0.6	5.4		
12/3/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.0	6.0	0.00	1.2	4.8		
12/4/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	0.0	6.0		
12/5/2015	4.8	8.2	0.00	0.9	10.1	3.69	0.0	6.0	0.00	0.0	6.0		
12/6/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.7	5.3	3.83	0.0	6.0		
12/7/2015	4.8	8.2	0.00	1.1	9.9	0.00	0.0	6.0	0.00	0.5	5.5		
12/8/2015	4.8	8.2	0.00	1.3	9.7	3.04	0.0	6.0	0.00	0.0	6.0		
12/9/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.4	5.6	2.92	0.0	6.0		
12/10/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.0	6.0	0.00	0.4	5.6		
12/11/2015	4.8	8.2	0.00	0.2	10.8	2.96	0.0	6.0	0.00	0.0	6.0		
12/12/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.2	5.8	0.00	0.0	6.0		
12/13/2015	4.8	8.2	0.00	0.8	10.2	3.38	0.0	6.0	3.38	0.0	6.0		
12/14/2015	4.8	8.2	0.00	1.1	9.9	3.38	0.3	5.7	3.38	1.5	4.5		
12/15/2015	4.8	8.2	0.00	0.9	10.1	0.00	1.4	4.6	0.00	1.3	4.7		
12/16/2015	4.8	8.2	0.00	1.0	10.0	2.29	0.1	5.9	0.00	0.0	6.0		
12/17/2015	4.8	8.2	0.00	0.9	10.1	0.00	1.6	4.4	4.14	0.0	6.0		
12/18/2015	4.8	8.2	0.00	0.7	10.3	0.00	0.5	5.5	2.44	1.4	4.6		
12/19/2015	4.8	8.2	0.00	0.8	10.2	6.13	0.0	6.0	0.00	1.7	4.3		
12/20/2015	4.8	8.2	0.00	0.8	10.2	0.00	1.5	4.5	4.04	0.0	6.0		
12/21/2015	4.8	8.2	0.00	0.8	10.2	0.00	0.0	6.0	0.00	1.6	4.4		
12/22/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.0	6.0	0.00	0.0	6.0		
12/23/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.0	6.0	0.00	0.0	6.0		
12/24/2015	4.8	8.2	0.00	0.9	10.1	0.00	0.0	6.0	0.00	0.0	6.0		
12/25/2015	4.8	8.2	0.00	0.9	10.1	3.78	0.0	6.0	0.00	0.0	6.0		
12/26/2015	4.8	8.2	0.00	0.4	10.6	0.00	0.8	5.2	3.65	0.0	6.0		
12/27/2015	4.8	8.2	0.00	0.6	10.4	0.00	0.0	6.0	0.00	0.7	5.3		
12/28/2015	4.8	8.2	0.00	0.5	10.5	0.00	0.0	6.0	0.00	0.0	6.0		
12/29/2015	4.8	8.2	0.00	0.6	10.4	3.85	0.0	6.0	0.00	0.0	6.0		
12/30/2015	5.0	8.0	0.00	0.5	10.5	4.27	0.5	5.5	0.00	0.0	6.0		
12/31/2015	5.0	8.0	0.00	0.1	10.9	0.00	1.7	4.3	3.92	0.0	6.0		
Sum	149.2	253.8	0.00	24.2	316.8	36.77	10.2	175.8	40.78	11.0	175.1		
Avg	4.8	8.2	0.00	0.8	10.2	1.19	0.3	5.7	1.32	0.4	5.6		
Max	5.0	8.2	0.00	1.3	10.9	6.13	1.7	6.0	5.60	1.7	6.0		
Min	4.8	8.0	0.00	0.1	9.7	0.00	0.0	4.3	0.00	0.0	4.3		

Percolation Ponds

DMR pg 02 Pond FlowsLvls Daily 12/1/2015 - 12/31/2015	Pond No 9 Freeboard Level Feet Daily	Pond No 10 Flow MGD Daily	Pond No 10 Level Feet Daily	Pond No 10 Freeboard Level Feet Daily	Pond No. 11 Flow MGD Daily	Pond No. 11 Level Feet Daily	Pond No. 11 Freeboard Level Feet Daily	Pond No. 12 Flow MGD Daily	Pond No. 12 Level Feet Daily	Pond No. 12 Freeboard Level Feet Daily	Pond No. 13 Flow MGD Daily	Pond No. 13 Level Feet Daily	Pond No. 13 Freeboard Level Feet Daily
12/1/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/2/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/3/2015		3.54	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/4/2015		0.00	1.0	5.0	3.83	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/5/2015		0.00	0.0	6.0	0.00	1.5	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/6/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/7/2015		0.00	0.0	6.0	0.00	0.0	2.5	3.03	0.0	2.5	0.00	0.0	2.5
12/8/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	1.6	2.5	0.00	0.0	2.5
12/9/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.6	2.5	0.00	0.0	2.5
12/10/2015		0.00	0.0	6.0	3.35	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/11/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/12/2015		0.00	0.0	6.0	0.00	0.0	2.5	2.98	0.0	2.5	0.00	0.0	2.5
12/13/2015		0.00	0.0	6.0	0.00	0.7	2.5	0.00	0.7	2.5	0.00	0.0	2.5
12/14/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/15/2015		0.00	0.0	6.0	3.53	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/16/2015		2.28	0.0	6.0	0.00	1.3	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/17/2015		4.14	1.0	5.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/18/2015		2.44	1.3	4.7	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/19/2015		0.00	1.7	4.3	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/20/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/21/2015		4.10	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/22/2015		0.00	1.5	4.5	1.50	0.0	2.5	1.50	0.0	2.5	0.00	0.0	2.5
12/23/2015		4.67	0.0	6.0	0.00	0.1	2.5	0.00	0.5	2.5	0.00	0.0	2.5
12/24/2015		3.88	1.2	4.8	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/25/2015		0.00	1.3	4.7	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/26/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/27/2015		4.02	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/28/2015		0.00	1.5	4.5	5.63	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/29/2015		0.00	0.4	5.6	0.00	1.6	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/30/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
12/31/2015		0.00	0.0	6.0	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5
Sum		29.07	10.9	175.1	17.84	5.3	77.5	7.52	3.5	77.5	0.00	0.0	77.5
Avg		0.94	0.4	5.6	0.58	0.2	2.5	0.24	0.1	2.5	0.00	0.0	2.5
Max		4.67	1.7	6.0	5.63	1.6	2.5	3.03	1.6	2.5	0.00	0.0	2.5
Min		0.00	0.0	4.3	0.00	0.0	2.5	0.00	0.0	2.5	0.00	0.0	2.5

SECTION 4

2015

FACILITY INFLUENT MONITORING

VVWRA
Facility Influent Monitoring
2015
Schedule

Parameter	Units	Type of Sample	Frequency	2015 Sample Month(s)
pH	pH Units	Continuous	Daily	N/A
Conductivity	µmhos/cm	Continuous	Daily	N/A
BOD	mg/L	24 hour composite	4/Weekly	N/A
TSS	mg/L	24 hour composite	4/Weekly	N/A
Nitrate - Nitrogen	mg/L as N	Grab	Monthly	N/A
Kjeldahl - Nitrogen	mg/L as N	Grab	Monthly	N/A
Ammonia - Nitrogen	mg/L as N	Grab	Monthly	N/A

This schedule reflects renewed NPDES permit requirements effective September 5, 2013.

VVWRA
Facility Influent Monitoring
Weekly - Monthly
2015

JANUARY

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.35	916	436	670			
2	7.69	832		429			
3	7.44	826	452	462			
4	7.38	839		424			
5	7.63	937	391	430			
6	7.48	810	550	573	110	34.0	<0.2
7	7.45	894	700	491			
8	7.59	870	705	412			
9	7.52	878		416			
10	7.45	896	246	513			
11	7.51	843	738	619			
12	7.60	856	326	348			
13	7.45	750	404	440	54	43.0	<0.2
14	7.67	979	400	423			
15	7.88	897	478	461			
16	7.51	957		480			
17	7.38	781	624	598			
18	7.47	777	726	517			
19	7.50	858	538	430			
20	7.52	867	612	519	64	47.0	<0.2
21	7.49	820	674	509			
22	7.53	922	621	459			
23	7.45	867		428			
24	7.39	752		473			
25	7.48	775		494			
26	7.50	920	834	563			
27	7.38	812	680	502	64	44.0	<0.2
28	7.41	886		628			
29	7.61	916	300				
30	7.45	815	280				
31	7.40	779					
Average	7.50	856	533	489.7	73	42	<0.2
Minimum	7.35	750	246	348.0	54	34	<0.2
Maximum	7.88	979	834	670.0	110	47	<0.2

FEBRUARY

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.48	821	300	268			
2	6.87	840	330	495			
3	7.53	890	350	481	63	41.0	<0.2
4	7.61	818		458			
5	7.54	856	330	483			
6	7.47	875					
7	7.37	847					
8	7.49	881	180	420			
9	7.55	940	440	510			
10	7.42	826		423	57	42.0	<0.2
11	7.48	904	330	424			
12	7.45	993	350	455			
13	7.51	905		411			
14	7.38	860	382	391			
15	7.43	935	432	599			
16	7.42	935	344	359			
17	7.52	811	492	509	58	38.0	<0.2
18	7.62	836		503			
19	7.71	775		483			
20	7.43	805		447			
21	7.42	792	414	432			
22	7.37	872	386	486			
23	7.64	785	427	548			
24	7.51	895	456	437	46	29.0	<0.2
25	7.42	733		420			
26	7.71	872		391			
27	7.46	819					
28	7.40	822	449	447			
Average	7.47	855	376	451.2	56	38	<0.2
Minimum	6.87	733	180	268.0	46	29	<0.2
Maximum	7.71	993	492	599.0	599.0	42	<0.2

VVWRA
Facility Influent Monitoring
Weekly - Monthly
2015

MARCH

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.40	874	480	434			
2	7.48	870	546	516			
3	7.64	831	613	389	60	39.0	<0.2
4	7.52	895		465			
5	7.67	846		467			
6	7.47	834					
7	7.37	760	340				
8	7.40	832	350	386			
9	7.46	932	410	555			
10	7.48	804		487	65	39.0	<0.2
11	7.44	794	320	466			
12	7.42	760	370	459			
13	7.61	843					
14	7.47	909	350				
15	7.34	834	320	439			
16	7.46	840	320	471			
17	7.40	856		648	57	30.0	<0.2
18	7.48	823	370	505			
19	7.30	879	350	466			
20	7.36	796					
21	7.49	817	390				
22	7.44	793	330	431			
23	7.43	931	340	476			
24	7.34	887		469	63	32.0	<0.2
25	7.50	888	330	505			
26	7.41	818	360	534			
27	7.39	829					
28	7.38	892	400				
29	7.46	823	360	360			
30	7.46	928	410	445			
31	7.45	917		404	63	30.0	<0.2
Average	7.45	850	384	468.6	62	34	<0.2
Minimum	7.30	760	320	360.0	57	30	<0.2
Maximum	7.67	932	613	648.0	65	39	<0.2

APRIL

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.45	865	330	397			
2	7.48	843	290	395			
3	7.47	903					
4	7.44	816	320				
5	7.40	788	330	331			
6	7.44	1077	310	447			
7	7.41	784		472	77	42.0	<0.2
8	7.34	741	320	418			
9	7.40	875	350	545			
10	7.35	782					
11	7.44	875	330				
12	7.44	888	340	351			
13	7.44	861	380	525			
14	7.36	753		589	64	38.0	<0.2
15	7.39	778	330	490			
16	7.52	852	380	441			
17	7.45	802					
18	7.43	779	440				
19	7.45	816	290	412			
20	7.54	797	290	510			
21	7.58	779		372	56	24.0	<0.2
22	7.55	894	250	350			
23	7.46	830	250	392			
24	7.40	831					
25	7.49	832	300				
26	7.60	793	340	441			
27	7.45	878	340	421			
28	7.23	831		431	51	33.0	<0.2
29	7.43	841	320	515			
30	7.53	856	360	510			
Average	7.45	835	327	443.4	62	34	<0.2
Minimum	7.23	741	250	331.0	51	24	<0.2
Maximum	7.60	1077	440	589.0	77	42	<0.2

VVWRA
Facility Influent Monitoring
Weekly - Monthly
2015

MAY

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.33	829					
2	7.37	813	380				
3	7.39	823	380	498			
4	7.47	783	340	433			
5	7.48	852		547	92	45.0	<0.2
6	7.46	768	300	428			
7	7.48	737	360	451			
8	7.34	808					
9	7.38	781	320				
10	7.38	839	340	473			
11	7.26	721	420	457			
12	7.44	816		472	84	44.0	<0.2
13	7.49	824	330	491			
14	7.41	770	330	466			
15	7.45	815					
16	7.46	798	330				
17	7.46	759	340	432			
18	7.44	821	390	509			
19	7.42	693		559	110	38.0	<0.2
20	7.47	812	390	516			
21	7.67	833	330	466			
22	7.53	869					
23	7.39	795	370				
24	7.46	798	390	398			
25	7.46	808	410	404			
26	7.39	873		482	96	43.0	<0.2
27	7.43	842	340	438			
28	7.57	808	360	468			
29	7.31	783					
30	7.38	756	360				
31	7.43	784	310	400			
Average	7.43	800	355	466.1	96	43	<0.2
Minimum	7.26	693	300	398.0	84	38	<0.2
Maximum	7.67	873	420	559.0	110	45	<0.2

JUNE

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.46	806	390	490			
2	7.40	852		498	120	31.0	<0.2
3	7.45	767	300	480			
4	7.42	775	220	227			
5	7.39	911					
6	7.47	812	330				
7	7.47	816	350	412			
8	7.47	769	340	490			
9	7.40	777	463	433	45	31.0	<0.2
10	7.44	767	280	423			
11	7.43	855	310	469			
12	7.51	888					
13	7.44	752	320				
14	7.46	780	340				
15	7.40	818	370	432			
16	7.45	918		427	110	35.0	<0.2
17	7.42	935	260	434			
18	7.42	750	310	480			
19	7.39	1128					
20	7.46	910	280				
21	7.46	815	310	422			
22	7.40	814	290	378			
23	7.68	840		444	96	38.0	<0.2
24	7.44	858	330	424			
25	7.52	892	340	556			
26	7.47	844					
27	7.55	859	290				
28	7.47	827	360	425			
29	7.30	850	330	452			
30	7.48	845		423	39	27.0	<0.2
Average	7.45	841	323	439.0	82	32	<0.2
Minimum	7.30	750	220	227.0	39	27	<0.2
Maximum	7.68	1128	463	556.0	120	38	<0.2

VVWRA
Facility Influent Monitoring
Weekly - Monthly
2015

JULY

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.53	788	270	414			
2	7.45	876	280	470			
3	7.41	764					
4	7.37	856	310				
5	7.45	770	310	443			
6	7.50	883	300	418			
7	7.46	816		411	41	27.0	<0.2
8	7.42	813	330	431			
9	7.48	811	320	439			
10	7.45	811					
11	7.46	755	290				
12	7.46	860	340	315			
13	7.45	841	310	418			
14	7.50	809			33	27.0	<0.2
15	7.43	893	290	436	62	34.0	<0.2
16	7.54	863	320	411			
17	7.49	916					
18	7.40	824	320				
19	7.38	761	310	1791			
20	7.55	804	300	571			
21	7.45	725		360	35	26.0	<0.2
22	7.39	830	280	447			
23	7.46	799	360	419			
24	7.47	884					
25	7.37	804	300				
26	7.40	856	310	350			
27	7.42	876	300	388			
28	7.46	836		474	54	29.0	<0.2
29	7.37	825	340	513			
30	7.27	876	350	391			
31	7.45	810					
Average	7.44	827	311	491.0	45	45	<0.2
Minimum	7.27	725	270	315.0	33	26	<0.2
Maximum	7.55	916	360	1791.0	62	34	<0.2

AUGUST

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.43	773	310				
2	7.49	835	420				
3	7.43	785	360	421			
4	7.46	783		442	77	36.0	<0.2
5	7.40	893	240	309			
6	7.30	704	300	464			
7	7.43	852					
8	7.39	861	340				
9	7.54	902	330	588			
10	7.40	891	320	385			
11	7.43	898		435	47	27.0	<0.2
12	7.40	688	330	448			
13	7.41	841	310	381			
14	7.22	757					
15	7.47	795	300				
16	7.43	818	330	684			
17	7.52	860	330	427			
18	7.50	786		423	66	30.0	<0.2
19	7.45	800	290	434			
20	7.49	796	290	402			
21	7.43	811					
22	7.51	875	360				
23	7.54	858	270	382			
24	7.54	812	310	411			
25	7.44	733		434	52	27.0	<0.2
26	7.60	810	340	477			
27	7.43	768	340	429			
28	7.56	896					
29	7.44	869	320				
30	7.45	823	310	389			
31	7.47	860	406	377			
Average	7.43	800	355	466.1	96	43	<0.2
Minimum	7.26	693	300	398.0	84	38	<0.2
Maximum	7.67	873	420	559.0	110	45	<0.2

VVWRA
Facility Influent Monitoring
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2015

SEPTEMBER

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.38	796	499	336	70	43.0	<0.2
2	7.52	848	320	598			
3	7.56	901	310	521			
4	7.43	860					
5	7.46	852	310				
6	7.41	825	340	446			
7	7.49	862					
8	7.54	812		612	41	31.0	<0.2
9	7.44	744	310	451			
10	7.46	808	320	488			
11	7.47	776					
12	7.45	783	260				
13	7.51	787	320	379			
14	7.40	797	360	490			
15	7.47	765		481	43	33.0	<0.2
16	7.49	863	320	406			
17	7.47	893	300	468			
18	7.42	872					
19	7.40	828	300				
20	7.43	806	300	358			
21	7.43	859	310	527			
22	7.45	814		452	42	29.0	<0.2
23	7.39	840	380	530			
24	7.47	818	310	481			
25	7.46	858		475			
26	7.42	750	370	392			
27	7.45	752	390	325			
28	7.29	718	350				
29	7.40	849		363			
30	7.44	774	380	629			
Average	7.43	800	355	466.1	96	43	<0.2
Minimum	7.26	693	300	398.0	84	38	<0.2
Maximum	7.67	873	420	559.0	110	45	<0.2

OCTOBER

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.44	785	360	592	45	27.0	<0.2
2	7.40	820		534			
3	7.42	834	310	420			
4	7.43	772	350	522			
5	7.43	828	360	534			
6	7.47	839		532	91	41.0	<0.2
7	7.38	757	380	532			
8	7.43	890	240	522			
9	7.42	815		528			
10	7.41	848	360	476			
11	7.40	796	390	440			
12	7.29	885	320	410			
13	7.44	824		504	41	29.0	<0.2
14	7.39	762	290	460			
15	7.46	711	340	504			
16	7.35	813		408			
17	7.44	782	350	350			
18	7.37	786	350	386			
19	7.41	776	440	580			
20	7.44	729		512	42	29.0	<0.2
21	7.33	713	340	526			
22	7.41	770	290	382			
23	7.42	814		378			
24	7.37	792	330	375			
25	7.38	861	270	400			
26	7.44	772	300	326			
27	7.40	720		403			
28	7.36	818	330	442			
29	7.40	786	260	358	28	29.0	<0.2
30	7.38	850		505			
31	7.41	820	360	508			
Average	7.45	841	323	439.0	82	32	<0.2
Minimum	7.30	750	220	227.0	39	27	<0.2
Maximum	7.68	1128	463	556.0	120	38	<0.2

VVWRA
Facility Influent Monitoring
Weekly - Monthly
2015

NOVEMBER

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.49	853	420	418			
2	7.37	803	310	474			
3	7.47	937		588	43	31.0	<0.2
4	7.40	847	514	616			
5	7.46	836	463	486			
6	7.38	930		824			
7	7.34	839	404	528			
8	7.43	833	417	498			
9	7.36	903	470	552			
10	7.47	793		682	44	27.0	<0.2
11	7.41	816	340	298			
12	7.44	766	370	512			
13	7.38	846		508			
14	7.42	806	450	508			
15	7.37	853	450	398			
16	7.41	789	422	540			
17	7.38	827	522	566	45	30.0	<0.2
18	7.48	835	725	554			
19	7.44	804	462	518			
20	7.45	835		480			
21	7.40	941	370	434			
22	7.38	792	450	450			
23	7.42	812	496	452			
24	7.42	887	455	490	46	32.0	<0.2
25	7.39	814	360	548			
26	7.31	824	460	536			
27	7.32	929		504			
28	7.38	860	424	532			
29	7.41	839	432	390			
30	7.44	889	674	736			
Average	7.45	841	323	439.0	82	32	<0.2
Minimum	7.30	750	220	227.0	39	27	<0.2
Maximum	7.68	1128	463	556.0	120	38	<0.2

DECEMBER

Date	pH (pH Units)	Conductivity (µmhos/cm)	BOD (mg/L)	TSS (mg/L)	TKN (mg/L)	Ammonia (mg/L)	Nitrate (mg/L)
1	7.41	775	678	650	110	40.0	<0.2
2	7.37	752	530	566			
3	7.48	790	575	534			
4	7.35	819					
5	7.39	850	398	336			
6	7.36	813	447	322			
7	7.40	815	393	482			
8	7.39	796	393	364	45	30.0	<0.2
9	7.40	839	438	340			
10	7.40	809	388	426			
11	7.43	810		422			
12	7.40	873	346	382			
13	7.39	829	338	380			
14	7.41	752	518	510			
15	7.33	822	400	478	81	19.0	<0.2
16	7.37	804	395	454			
17	7.42	803	527	376			
18	7.37	837		584			
19	7.34	820	772	392			
20	7.37	815	392	330			
21	7.40	916	376	421			
22	7.29	900	500	528	51	33.0	<0.2
23	7.40	790	508	478			
24	7.36	844	544	444			
25	7.36	831		534			
26	7.28	780	353	414			
27	7.40	822	430	790			
28	7.43	848	364	547			
29	7.41	827	402	578	62	34.0	<0.2
30	7.32	850	475	532			
31	7.38	803	783	440			
Average	7.44	827	311	491.0	45	29	<0.2
Minimum	7.27	725	270	315.0	33	26	<0.2
Maximum	7.55	916	360	1791.0	62	34	<0.2

SECTION 5

2015

FACILITY EFFLUENT MONITORING

VVWRA
Facility Effluent Monitoring - River Discharge
2015
Schedule

Parameter	Units	Type of Sample	Frequency	2015 Sample Month(s)
pH	pH Units	Continuous	Continuous	N/A
Conductivity	µmhos/cm	Continuous	Continuous	N/A
Turbidity	NTU	Continuous	Continuous	N/A
Total Coliform	MPN/100 ml	Grab	Daily	N/A
BOD	mg/L	24 Hour Composite	4/Weekly	N/A
Total Suspended Solids	mg/L	24 Hour Composite	4/Weekly	N/A
Chlorine Residual^1	mg/L	Grab	Daily	N/A
Temperature	° C	Grab	Weekly	N/A
Dissolved Oxygen	mg/L	Grab	Weekly	N/A
Ammonia - Nitrogen	mg/L as N	Grab	2/Monthly	N/A
Nitrite - Nitrogen	mg/L as N	Grab	2/Monthly	N/A
Nitrate - Nitrogen	mg/L as N	Grab	2/Monthly	N/A
Kjeldahl - Nitrogen	mg/L as N	Grab	2/Monthly	N/A
Total Dissolved Solids	mg/L	24 Hour Composite	Monthly	N/A
Copper	mg/L	Grab	Monthly	N/A
Sodium	mg/L	Grab	Monthly	N/A
Total Cyanide	mg/L	Grab	Monthly	N/A
Dibromochloromethane^1	mg/L	Grab	Monthly	N/A
Dichlorobromomethane^1	mg/L	Grab	Monthly	N/A
Bis(2-ethylhexyl)phthalate	mg/L	Grab	Monthly	N/A
MBAS	mg/L	24 Hour Composite	Quarterly	Jan-Apr-July-Oct
Boron	mg/L	Grab	Quarterly	Jan-Apr-July-Oct
Chloride	mg/L	Grab	Quarterly	Jan-Apr-July-Oct
Fluoride	mg/L	Grab	Quarterly	Jan-Apr-July-Oct
Sulfate	mg/L	Grab	Quarterly	Jan-Apr-July-Oct
Total Hardness	mg/L	Grab	Quarterly	Jan-Apr-July-Oct
Oil and Grease	mg/L	Grab	Quarterly	Jan-Apr-July-Oct
Phenols	mg/L	Grab	Quarterly	Jan-Apr-July-Oct
Volatile Organic Compounds, including MTBE	mg/L	Grab	Annually	July
Base/Neutral/Acid Extractable Organics, including Dioxin	mg/L	Grab	Annually	July
Priority Pollutant Metals	mg/L	Grab	Annually	July
Asbestos	mg/L	Grab	Annually	July
Fecal Coliform	MPN/100 mL	5 Grabs/Month	Annually	July

This schedule reflects renewed NPDES permit requirements effective September 5, 2013.
^1. As per the provision of Order R6V-2013-0038, Attachment E - MRP, IV. A. Table E-3, Footnote 8.

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

JANUARY

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	6.9	568	0.75	<2.0	10.0	2.0			20.7				
2	7.0	569	0.90	<2.0		3.0			20.4				
3	6.9	567	1.06	<2.0	6.0	2.8			21.1				
4	7.0	562	1.11	<2.0	12.0	2.3			21.0				
5	7.1	548	0.97	<2.0	8.0	2.6			20.9				
6	7.0	545	1.29	2.0	8.0	3.1	7.7	<0.010	21.0	0.18	0.29	5.9	1.80
7	7.0	568	1.36	<2.0	8.0	2.3			21.4				
8	7.0	571	1.39	<2.0	9.0	2.4			21.7				
9	7.0	601	1.29	<2.0		2.8			22.3				
10	7.1	612	1.12	<2.0	9.0	3.1			22.2				
11	7.1	592	0.83	<2.0	8.0	3.1			22.5				
12	7.1	549	0.69	<2.0	10.0	3.6			22.3				
13	7.0	590	0.81	<2.0	6.0	3.9	6.9	<0.010	22.0	0.18	0.34	8.6	1.70
14	7.0	580	0.74	<2.0	8.0	3.3			21.7				
15	6.9	574	0.63	<2.0	8.0	2.1			21.2				
16			0.71			3.2							
17	6.9	583	0.74	<2.0	6.0	3.0			22.0				
18	7.0	549	0.63	<2.0	6.0	<2.0			21.9				
19	6.9	548	0.62	<2.0	5.0	2.0			21.8				
20	7.0	526	0.59	<2.0	5.0	2.4	7.2	<0.010	21.8	<0.10	0.30	4.6	1.20
21	7.1	531	0.54	<2.0	6.0	2.3			21.3				
22	7.0	540	0.66	<2.0	6.0	2.8			21.1				
23	7.0	543	0.65	<2.0		4.0			20.8				
24	6.9	565	0.67	<2.0		3.9			20.8				
25	7.0	572	0.72	2.0		4.0			21.0				
26	7.0	565	0.68	<2.0	11.0	3.3			21.6				
27	7.0	573	0.73	<2.0	10.0	3.8	7.6	<0.010	21.7	0.71	1.20	10.0	1.90
28	6.9	549	0.71	<2.0		3.5			21.5				
29	7.0	598	0.80	<2.0	5.0				21.9				
30	7.0	610	0.78	<2.0	6.0				22.1				
31	7.1	603	0.72	2.0					21.8				
AVG	7.0	568	0.84	<2.0	7.7	<2.9	7.3	<0.010	21.5	<0.29	0.53	7.3	1.65
MAX	7.1	612	1.39	2.0	12.0	4.0	7.7	<0.010	22.5	0.71	1.20	10.0	1.90
MIN	6.9	526	0.54	<2.0	5.0	<2	6.9	<0.010	20.4	<0.10	0.29	4.6	1.20

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

FEBRUARY

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	7.0	597	0.72	<2.0	11.0	4.3			21.5				
2	7.0	564	0.62	<2.0	11.0	5.8		<0.010	21.6				
3	7.0	580	0.53	<2.0	9.0	5.6	7.3		21.7	0.48	0.65	7.8	1.50
4	7.0	565	0.56	<2.0		6.0			21.7				
5	7.0	569	0.69	2.0	7.0	6.4			21.9				
6	7.0	588	0.76	<2.0					22.2				
7	7.0	576	0.70	<2.0					21.9				
8	7.1	579	0.74	<2.0	10.0	8.2			22.3				
9	7.1	548	0.84	<2.0	10.0	6.1			22.7				
10	7.0	575	0.93	<2.0		6.0		<0.010	21.9	0.36	2.60	5.0	1.90
11	7.0	581	1.01	<2.0	8.0	5.3			21.9				
12	6.9	582	1.09	280.0	9.0	5.2	7.6		21.8				
13	7.0	582	0.99	2.0		4.6			21.8				
14	7.0	608	0.83	<2.0	11.0	5.6			22.1				
15	7.0	607	0.71	2.0	14.0	4.4			22.5				
16	7.0	629	0.66	2.0	15.0	4.6			22.5				
17	7.0	615	0.80	<2.0	14.0	4.2	7.0	<0.010	22.7	4.00	1.80	4.5	5.40
18	7.0	630	0.88	<2.0		4.5			22.5				
19	6.9	634	0.77	2.0		5.0			25.0				
20	6.8	613	0.84	<2.0		6.8			22.1				
21	6.9	597	0.73	2.0	10.0	5.1			24.7				
22	6.9	597	0.73	<2.0	10.0	5.0			22.0				
23	7.1	579	0.83	<2.0	12.0	4.5			21.7				
24	7.0	571	0.94	<2.0	10.0	4.3	7.4	<0.010	21.3	0.31	0.37	9.8	1.60
25	6.9	572	0.97	<2.0		4.6			21.3				
26	6.9	580	0.96	<2.0		4.8			21.6				
27	6.9	587	1.07	<2.0					22.2				
28	7.0	612	1.38	<2.0	8.0	3.8			24.2				
AVG	7.0	590	0.83	<2.4	10.5	5.2	7.3	<0.010	22.3	1.29	1.36	6.8	2.60
MAX	7.1	634	1.38	280.0	15.0	8.2	7.6	<0.010	25.0	4.00	2.60	9.8	5.40
MIN	6.8	548	0.53	<2.0	7.0	4	7.0	<0.010	21.3	0.31	0.37	4.5	1.50

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

MARCH

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	6.9	610	1.14	<2.0	8.0	4.8			23.6				
2	7.1	581	1.34	2.0	11.0	4.4			21.5				
3	7.1	596	1.09	<2.0	10.0	4.4	7.4	<0.010	21.2	3.50	0.87	5.7	5.40
4	7.0	595	0.94	4.0		3.0			21.5				
5	7.0	570	0.90	<2.0		3.3			23.3				
6	7.0	570	0.89	<2.0					21.5				
7	7.1	619	1.06	<2.0	6.0				21.6				
8	7.2	600	0.86	<2.0	7.0	2.6			22.2				
9	7.1	633	0.64	2.0	8.0	2.2			24.6				
10	7.2	643	0.52	<2.0		3.2		<0.010	24.6	9.20	0.33	2.1	16.00
11	7.2	587	0.60	<2.0	5.0	3.0			25.5				
12	7.2	660	0.61	<2.0	7.0	<4.0	7.2		25.0				
13													
14													
15													
16													
17													
18													
19													
20			0.77		<5.0	<2.0							
21	7.2	568	0.67	8.0	<5.0			<0.010	23.5	0.76	0.31	6.7	1.60
22	7.1	563	0.67	<2.0	<5.0	<2.0			23.7				
23	7.0	570	0.90	<2.0	<5.0	<2.0			23.6				
24	7.1	575	0.68	<2.0		<2.0	7.3	<0.010	23.3	0.23	0.16	6.0	0.91
25	7.0	556	0.63	<2.0	<5.0	2.3			23.4				
26	7.1	564	0.64	<2.0	<5.0	<2.0			23.6				
27	7.0	557	0.61	<2.0					23.8				
28	7.2	581	0.61	<2.0	5.0				26.1				
29	7.1	561	0.63	<2.0	6.0	2.9		<0.010	24.0				
30	7.1	562	1.38	<2.0	7.0	2.4	7.2		24.2				
31	7.1	577	0.68	<2.0		2.0			24.3	0.23	0.17	6.0	1.60
AVG	7.1	587	0.81	<2.2	<6.5	<2.9	7.2	<0.010	23.5	2.78	0.37	5.3	5.10
MAX	7.2	660	1.38	8.0	11.0	4.8	7.4	<0.010	26.1	9.20	0.87	6.7	16.00
MIN	6.9	556	0.52	<2.0	<5.0	<2	7.2	<0.010	21.2	0.23	0.16	2.1	0.91

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

APRIL

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	7.0	595	0.67	<2.0	<5.0	2.1			26.0				
2	7.0	532	0.84	<2.0	<5.0	3.1			23.4				
3	7.0	587	0.86	<2.0					23.8				
4	7.1	584	0.79	<2.0	<5.0				21.8				
5	7.2	564	0.70	<2.0	<5.0	3.0			23.6				
6	7.0	560	0.64	<2.0	<5.0	3.3			22.5				
7	7.1	571	0.55	<2.0		3.0	7.2	<0.010	21.8	0.13	0.22	6.9	1.80
8	7.0	583	0.50	<2.0	<5.0	2.3			23.6				
9	7.1	570	0.44	<2.0	<5.0	<2.0			23.6				
10	7.1	566	0.42	<2.0					23.3				
11	7.1	581	0.51	<2.0	<5.0				23.7				
12	7.2	585	0.37	<2.0	<5.0	2.1			23.9				
13	7.2	563	0.37	<2.0	<5.0	2.0			24.6				
14	7.2	542	0.34	<2.0		<2.0	7.0	<0.010	24.5	0.17	0.14	4.7	1.40
15	7.1	573	0.33	<2.0	<5.0	<2.0			24.1				
16	7.1	556	0.39	<2.0	<5.0	2.0			24.2				
17	7.0	561	0.45	<2.0					23.5				
18	7.2	561	0.51	<2.0	<5.0				25.6				
19	7.2	533	0.48	<2.0	<5.0	2.4			24.7				
20	7.2	535	0.52	<2.0	<5.0	<2.0			25.9				
21	7.1	542	0.51	4.0		<2.0	6.6	<0.010	24.9	0.15	0.14	6.8	1.10
22	7.1	581	0.49	<2.0	<5.0	<2.0			24.8				
23	7.2	575	0.52	<2.0	<5.0	2.8			24.9				
24	7.1	556	0.47	<2.0					25.9				
25	7.1	557	0.39	<2.0	6.0				25.2				
26	7.1	548	0.40	<2.0	6.0	2.6			23.7				
27	7.1	527	0.41	<2.0	5.0	<2.0			24.4				
28	7.0	547	0.38	<2.0		<2.0	7.0	<0.010	24.5	<0.10	0.12	5.5	0.96
29	7.1	574	0.41	<2.0	<5.0	<2.0			24.9				
30	7.1	565	0.49	<2.0	<5.0	<2.0			25.1				
AVG	7.1	562	0.50	<2.0	<5.1	<2.3	6.9	<0.010	24.2	<0.14	0.16	6.0	1.32
MAX	7.2	595	0.86	4.0	6.0	3.3	7.2	<0.010	26.0	0.17	0.22	6.9	1.80
MIN	7.0	527	0.33	<2.0	<5.0	<2	6.6	<0.010	21.8	<0.10	0.12	4.7	0.96

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

MAY

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	7.1	563	0.49	<2.0					26.1				
2	7.0	576	0.52	<2.0	<5.0				26.1				
3	7.1	538	0.55	<2.0	<5.0	<2.0			25.4				
4	7.1	539	0.59	<2.0	<5.0	<2.0			25.4				
5	7.1	554	0.56	<2.0		<2.0	7.0	<0.010	25.3	<0.10	0.15	6.2	1.10
6	7.0	554	0.58	<2.0	<5.0	<2.0			25.5				
7	7.1	563	0.54	<2.0	<5.0	2.8			25.4				
8	7.0	567	0.54	<2.0					24.8				
9	6.9	576	0.63	<2.0	<5.0				24.7				
10	7.1	546	0.74	<2.0	<5.0	2.4			25.0				
11	7.1	538	0.89	8.0	<5.0	2.6			25.5				
12	7.1	557	1.16	<2.0		3.3	6.7	<0.010	25.5	<0.10	0.18	4.8	1.50
13	7.1	561	1.18	<2.0	<5.0	3.5			25.2				
14	7.1	570	1.21	8.0	7.0	7.8			25.0				
15	7.0	573	1.42	<2.0					24.7				
16	7.0	556	1.29	<2.0	5.0				24.7				
17	7.0	548	1.10	<2.0	5.0	3.0			25.0				
18	7.0	532	0.92	<2.0	6.0	2.4			25.2				
19	7.0	561	0.72	7.0		2.8	7.1	<0.010	25.2	<0.10	0.17	7.0	1.10
20	7.0	559	0.57	<2.0	6.0	3.4			25.2				
21	7.2	562	0.51	<2.0	5.0	3.0			25.0				
22	7.0	580	0.52	<2.0					25.5				
23	6.9	566	0.72	<2.0	6.0				24.8				
24	7.1	544	0.39	<2.0	12.0	2.2			25.1				
25	7.1	540	0.41	<2.0	7.0	4.3			25.4				
26	7.1	552	0.44	<2.0		4.5	6.6	<0.010	25.1	0.11	0.12	4.1	1.60
27	7.0	549	0.65	2.0	6.0	2.7			25.7				
28	7.1	540	0.50	<2.0	5.0	3.9			25.8				
29	7.1	573	0.46	<2.0					25.9				
30	7.0	561	0.45	<2.0	5.0				26.1				
31	7.1	542	0.44	<2.0	6.0	3.6			26.3				
AVG	7.1	556	0.70	<2.3	<5.7	<3.2	6.8	<0.010	25.3	<0.10	0.16	5.5	1.33
MAX	7.2	580	1.42	8.0	12.0	7.8	7.1	<0.010	26.3	0.11	0.18	7.0	1.60
MIN	6.9	532	0.39	<2.0	<5.0	<2	6.6	<0.010	24.7	<0.10	0.12	4.1	1.10

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

JUNE

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	7.1	533	0.46	2.0	5.0	3.0			26.4				
2	7.1	584	0.57	<2.0		5.0	6.7	<0.010	25.5	0.10	0.12	6.4	1.10
3	7.0	583	0.59	<2.0	7.0	6.7			24.8				
4	7.0	587	0.58	<2.0	8.0	6.3			25.4				
5	7.0	566	0.49	<2.0					25.4				
6	7.1	583	0.67	<2.0	7.0				25.7				
7	7.1	564	0.84	<2.0	10.0	11.2			25.8				
8	7.2	556	0.69	2.0	7.0	7.1			26.9				
9	7.2	583	0.58	<2.0	6.0	<2.0	7.0	<0.010	26.6	0.23	0.30	7.1	1.50
10	7.1	589	0.57	<2.0	<5.0	<2.0			26.4				
11	7.1	593	0.57	<2.0	<5.0	2.2			26.2				
12	7.1	580	0.61	<2.0					25.9				
13	7.0	575	0.65	<2.0	18.0				26.6				
14	7.2	570	0.72	<2.0	<5.0				26.6				
15	7.1	545	0.78	<2.0	6.0	2.8			26.6				
16	7.1	589	0.80	<2.0		3.2	6.8	<0.010	26.4	<0.10	0.37	6.8	1.50
17	7.2	589	0.88	<2.0	6.0	5.0			26.4				
18	7.1	586	0.92	<2.0	5.0	3.4			26.3				
19	7.1	570	0.78	<2.0					26.7				
20	7.1	610	0.61	2.0	6.0				26.6				
21	7.2	594	0.69	<2.0	6.0	5.7			26.7				
22	7.1	561	0.77	<2.0	11.0	4.8			26.9				
23	7.1	597	0.66	2.0		5.9	6.1	<0.010	26.8	0.33	0.74	5.0	1.90
24	7.2	568	0.59	<2.0	11.0	8.3			26.9				
25	7.1	616	0.83	<2.0	12.0	6.7			27.0				
26	7.2	606	0.92	2.0					27.3				
27	7.0	575	0.70	<2.0	5.0				27.6				
28	7.1	591	0.57	<2.0	7.0	2.3			27.4				
29	7.1	595	0.47	<2.0	6.0	3.1			27.5				
30	7.2	588	0.38	<2.0		<2.0	6.5	<0.010	28.4	<0.10	0.20	5.3	0.87
AVG	7.1	581	0.66	<2.0	<7.5	<4.7	6.6	<0.010	26.5	<0.17	0.35	6.1	1.37
MAX	7.2	616	0.92	2.0	18.0	11.2	7.0	<0.010	28.4	0.33	0.74	7.1	1.90
MIN	7.0	533	0.38	<2.0	<5.0	<2	6.1	<0.010	24.8	<0.10	0.12	5.0	0.87

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

JULY

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	7.2	596	0.40	4.0	<5.0	<2.0			27.6				
2	7.1	591	0.50	<2.0	<5.0	<2.0			27.5				
3	7.1	589	0.48	<2.0					28.6				
4	7.1	583	0.43	<2.0	<5.0				29.0				
5	7.1	582	0.34	<2.0	<5.0	<2.0			28.5				
6	7.1	567	0.42	<2.0	<5.0	3.5			28.5				
7	7.1	590	0.38	<2.0		<2.0	6.1	<0.010	28.5	<0.10	0.20	7.0	1.20
8	7.2	586	0.34	<2.0	<5.0	<2.0			27.2				
9	7.2	581	0.43	<2.0	6.0	<2.0			27.4				
10	7.1	577	0.38	<2.0					27.0				
11	7.1	604	0.37	<2.0	<5.0				27.1				
12	7.1	597	0.37	2.0	<5.0	<2.0			26.5				
13	7.1	577	0.35	<2.0	5.0	<2.0			28.0				
14	7.1	585	0.38	<2.0	<5.0	<2.0	6.8	<0.010	28.2	<0.10	0.13	8.1	0.67
15	7.1	566	0.41	<2.0	<5.0	2.0		<0.010	27.1	<0.10	0.17	8.1	0.73
16	7.1	602	0.45	<2.0	<5.0	2.0			27.2				
17	7.0	592	0.40	<2.0					27.1				
18	7.1	579	0.39	<2.0	<5.0				28.3				
19	7.1	592	0.54	<2.0	<5.0	<2.0			28.3				
20	7.0	576	0.40	4.0	<5.0	<2.0			28.2				
21	7.1	554	0.37	<2.0		<2.0	6.8	<0.010	28.1	<0.10	0.24	7.8	0.56
22	7.1	575	0.37	<2.0	<5.0	<2.0			28.4				
23	7.0	595	0.40	<2.0	<5.0	<2.0			28.3				
24	7.1	584	0.40	<2.0					28.7				
25	6.9	577	0.36	<2.0	<5.0				29.0				
26	7.1	567	0.31	<2.0	<5.0	<2.0			28.0				
27	7.1	569	0.30	<2.0	<5.0	2.3			28.8				
28	7.2	585	0.33	<2.0		<2.0	7.2	<0.010	29.0	<0.10	0.11	8.7	1.00
29	7.1	559	0.34	<2.0	<5.0	2.1			29.1				
30	7.1	574	0.34	<2.0	<5.0	2.0			29.7				
31	7.1	581	0.31	2.0					29.6				
AVG	7.1	582	0.39	<2.1	<5.0	<2.1	6.7	<0.010	28.1	<0.10	0.17	7.9	0.83
MAX	7.2	604	0.54	4.0	6.0	3.5	7.2	<0.010	29.7	<0.10	0.24	8.7	1.20
MIN	6.9	554	0.30	<2.0	<5.0	<2	6.1	<0.010	26.5	<0.10	0.11	7.0	0.56

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

AUGUST

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	7.1	579	0.32	<2.0	<5.0				29.5				
2	7.1	575	0.35	2.0	<5.0				29.6				
3	7.1	556	0.34	2.0	<5.0	2.7			29.7	<0.10	0.24	8.0	1.20
4	7.1	585	0.34	<2.0		<2.0	7.0	<0.010	29.6	<0.10	0.13	8.4	0.79
5	7.1	601	0.43	<2.0	<5.0	2.0		<0.010	29.5				
6	7.0	573	0.52	<2.0	<5.0	<2.0			29.9				
7	7.2	581	0.53	<2.0					29.6				
8	7.2	590	0.69	<2.0	<5.0				29.3				
9	7.2	588	0.50	<2.0	<5.0	<2.0			29.2				
10	7.2	553	0.43	2.0	<5.0	<2.0			29.4				
11	7.2	596	0.48	<2.0		<2.0	6.6	<0.010	29.2	<0.10	0.11	8.5	1.10
12	7.2	580	0.54	<2.0	<5.0	2.0			29.2				
13	7.1	581	0.63	<2.0	<5.0	2.0			29.7				
14	7.0	607	0.44	<2.0					30.1				
15	7.1	601	0.51	<2.0	<5.0				30.1				
16	7.2	610	0.44	<2.0	<5.0	<2.0			29.9				
17	7.2	572	0.41	<2.0	<5.0	2.2			30.0				
18	7.0	593	0.45	<2.0		<2.0	6.5	<0.010	30.0	<0.10	0.19	9.9	0.78
19	7.0	591	0.39	<2.0	<5.0	2.5			29.8				
20	7.0	594	0.45	<2.0	6.0	3.0			29.9				
21	7.1	602	0.39	<2.0					30.1				
22	7.1	584	0.39	<2.0	<5.0				28.9				
23	7.2	584	0.42	<2.0	<5.0	<2.0			29.8				
24	7.1	570	0.48	<2.0	<5.0	<2.0			30.0				
25	7.2	590	0.45	<2.0		<2.0	7.0	<0.010	30.2	0.12	0.13	8.4	1.00
26	7.0	579	0.44	<2.0	<5.0	2.9			30.3				
27	7.1	587	0.47	<2.0	<5.0	2.9			31.2				
28	7.1	586	0.47	<2.0					30.3				
29	7.2	592	0.44	<2.0	<5.0				30.4				
30	7.1	589	0.41	<2.0	<5.0	2.8			30.2				
31	7.2	578	0.37	<2.0	6.0	<2.0			30.3				
AVG	7.1	585	0.45	<2.0	<5.1	<2.2	6.8	<0.010	29.8	<0.10	0.16	8.6	0.97
MAX	7.2	610	0.69	2.0	6.0	3.0	7.0	<0.010	31.2	0.12	0.24	9.9	1.20
MIN	7.0	553	0.32	<2.0	<5.0	<2	6.5	<0.010	28.9	<0.10	0.11	8.0	0.78

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

SEPTEMBER

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	7.1	584	0.40	<2.0	6.0	<2.0	6.6	<0.010	30.0	<0.10	0.10	9.0	0.83
2	7.0	591	0.47	<2.0	<5.0	2.0			29.8				
3	7.1	596	0.63	<2.0	<5.0	2.8			29.6				
4	7.1	611	0.65	<2.0					29.2				
5	7.1	596	0.49	<2.0	<5.0				29.2				
6	7.1	596	0.44	2.0	<5.0	<2.0			29.2				
7	7.1	570	0.44	<2.0	<5.0	<2.0			29.6				
8	7.2	563	0.41	<2.0		2.0	6.5	<0.010	30.2	0.20	<0.10	1.9	1.10
9	7.1	582	0.40	<2.0	<5.0	<2.0			30.5				
10	7.1	563	0.39	<2.0	<5.0	<2.0			30.5				
11	7.2	564	0.38	<2.0					30.4				
12	7.3	559	0.36	<2.0	<5.0				30.2				
13	7.2	568	0.36	<2.0	<5.0	2.0			30.2				
14	7.2	541	0.41	<2.0	<5.0	<2.0			30.0				
15	7.2	554	0.48	<2.0		2.0	6.4	<0.010	29.9	0.14	0.16	3.6	1.10
16	7.2	670	0.49	<2.0	<5.0	2.8			29.4	<0.10			
17	7.1	577	0.52	<2.0	<5.0	2.9			29.2				
18	7.1	594	0.42	<2.0					29.1				
19	7.1	614	0.39	<2.0	<5.0				29.2				
20	7.1	572	0.41	<2.0	<5.0	3.1			29.3				
21	7.0	564	0.50	<2.0	5.0	3.7			29.5				
22	7.1	579	0.52	<2.0		3.6	6.3	<0.010	29.6	2.00	0.31	4.2	3.20
23	7.1	609	0.45	2.0	<5.0	4.8			29.5				
24	7.2	616	0.48	<2.0	<5.0	5.3			29.6				
25	7.2	587	0.49	<2.0		4.7			29.8				
26	7.2	576	0.44	<2.0	<5.0	<2.0			29.8				
27	7.2	553	0.41	<2.0	<5.0	<2.0			28.9				
28	7.2	563	0.47	<2.0	<5.0				28.8				
29	7.1	542	0.36	<2.0		<2.0		<0.010	28.9				
30	7.1	568	0.37	<2.0	<5.0	<2.0			28.5				
AVG	7.1	581	0.45	<2.0	<5.0	<2.7	6.4	<0.010	29.6	<0.51	<0.17	4.7	1.56
MAX	7.3	670	0.65	2.0	6.0	5.3	6.6	<0.010	30.5	2.00	0.31	9.0	3.20
MIN	7.0	541	0.36	<2.0	<5.0	<2	6.3	<0.010	28.5	<0.10	<0.10	1.9	0.83

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

OCTOBER

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	7.2	583	0.41	<2.0	<5.0	<2.0	6.6		29.2	0.19	0.24	6.1	1.30
2	7.0	569	0.41	<2.0		2.1			28.7				
3	7.1	577	0.42	<2.0	<5.0	<2.0			28.8				
4	7.1	572	0.39	<2.0	<5.0	2.3			27.7				
5	7.1	540	0.36	<2.0	<5.0	<2.0			28.4				
6	7.1	580	0.36	<2.0		2.1	6.8	<0.010	28.2	<0.10	<0.10	6.8	1.20
7	7.0	599	0.34	<2.0	<5.0	<2.0			28.7	<0.10			
8	7.0	588	0.40	<2.0	<5.0	2.0			28.6				
9	7.1	612	0.32	<2.0		<2.0			28.7				
10	7.0	585	0.31	<2.0	<5.0	<2.0			28.8				
11	7.1	564	0.35	<2.0	<5.0	<2.0			29.0				
12	7.2	541	0.43	<2.0	<5.0	<2.0			29.0				
13	7.0	554	0.48	<2.0		<2.0	6.6	<0.010	29.2	<0.10	<0.10	5.6	1.10
14	7.1	558	0.62	<2.0	<5.0	<2.0			29.3				
15	7.0	559	0.53	<2.0	<5.0	<2.0							
16	7.0	537	0.39	<2.0		2.1			29.2				
17	7.0	557	0.32	<2.0	<5.0	<2.0			28.9				
18	7.0	549	0.34	<2.0	<5.0	<2.0			29.1				
19	7.1	556	0.40	<2.0	5.0	2.0			28.7	<0.10			
20	7.1	536	0.45	<2.0		<2.0	7.2	<0.010	28.3	0.23	<0.10	5.4	1.30
21	6.9	547	0.46	4.0	<5.0	<2.0			28.3				
22	7.1	563	0.51	<2.0	<5.0	<2.0			27.9				
23	7.1	554	0.43	<2.0		<2.0			28.0				
24	7.1	580	0.37	<2.0	<5.0	<2.0			27.9				
25	7.1	567	0.35	<2.0	<5.0	<2.0			27.8				
26	7.1	554	0.43	<2.0	6.0	<2.0			27.7				
27	7.1	583	0.41	<2.0		<2.0		<0.010	27.6				
28	7.1	557	0.36	<2.0	<5.0	<2.0			27.6				
29	7.1	571	0.37	<2.0	<5.0	<2.0	7.1		27.3	0.23	<0.10	9.6	0.76
30	7.0	553	0.36	<2.0		<2.0			27.1				
31	7.1	579	0.40	<2.0	<5.0	<2.0			27.0				
AVG	7.1	565	0.40	<2.0	<5.0	<2.0	6.9	<0.010	28.4	<0.15	<0.13	6.7	1.13
MAX	7.2	612	0.62	4.0	6.0	2.3	7.2	<0.010	29.3	0.23	0.24	9.6	1.30
MIN	6.9	536	0.31	<2.0	<5.0	<2	6.6	<0.010	27.0	<0.10	<0.10	5.4	0.76

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

NOVEMBER

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	7.1	556	0.43	<2.0	<5.0	<2.0			27.0				
2	7.1	542	0.38	<2.0	<5.0	<2.0			27.1				
3	7.2	550	0.42	<2.0		<2.0	7.1	<0.010	26.5	<0.10	<0.10	5.2	1.20
4	7.1	612	0.47	<2.0	<3.0	<2.0			26.2				
5	7.0	582	0.42	<2.0	8.0	6.9			25.7				
6	6.9	556	0.47	<2.0		<2.0			25.3				
7	7.0	589	0.47	<2.0	4.0	<2.0			25.8				
8	7.0	559	0.50	<2.0	4.0	<2.0			25.7				
9	7.1	545	0.49	<2.0	<5.0	<2.0			25.9				
10	7.1	579	0.43	<2.0		<2.0	7.1	<0.010	25.6	<0.10	0.12	4.8	1.20
11	7.0	576	0.40	<2.0	<5.0	<2.0			24.9				
12	7.0	566	0.38	<2.0	<5.0	<2.0			24.7				
13	6.9	580	0.47	<2.0		<2.0			24.7				
14	7.0	577	0.42	<2.0	<5.0	<2.0			25.1				
15	7.1	565	0.25	<2.0					25.1				
16	7.0	557	0.42	<2.0	<3.0	<2.0							
17	7.0	567	0.42	2.0	3.0	<2.0	7.8	<0.010	23.9	0.78	<0.10	6.7	1.90
18	7.0	565	0.38	<2.0	<3.0	2.0			24.1				
19	7.0	581	0.35	<2.0	3.0	<2.0			24.6				
20	6.9	594	0.36	<2.0		<2.0			24.7				
21	7.0	606	0.42	<2.0	<5.0	<2.0			24.8				
22	7.0	557	0.49	<2.0	<5.0	<2.0			24.7				
23	7.0	547	0.55	<2.0	3.0	<2.0			24.6				
24	7.0	582	0.57	<2.0	3.0	<2.0	7.6	<0.010	24.7	<0.10	0.16	6.6	1.00
25	6.9	567	0.50	<2.0	<5.0	<2.0			24.3				
26	6.9	578	0.50	<2.0	<5.0	<2.0			23.8				
27	7.1	548	0.49	<2.0		<2.0			24.2				
28	7.0	585	0.49	<2.0	4.0	<2.0			23.8				
29	7.0	565	0.46	<2.0	4.0	2.0			23.7				
30	7.0	543	0.44	<2.0	3.0	2.3			23.5				
AVG	7.0	569	0.44	<2.0	<4.3	<2.2	7.4	<0.010	25.0	<0.27	<0.12	5.8	1.33
MAX	7.2	612	0.57	2.0	8.0	6.9	7.8	<0.010	27.1	0.78	0.16	6.7	1.90
MIN	6.9	542	0.25	<2.0	<3.0	<2	7.1	<0.010	23.5	<0.10	<0.10	4.8	1.00

VVWRA
Facility Effluent Monitoring - River Discharge
Daily - Weekly
2015

DECEMBER

	Continuous			*Daily*	*Four/Weekly*		*Weekly*			*Twice/Monthly*			
Date	pH units	Conductivity µmhos/cm	Turbidity NTU	Total Coliform MPN/100 mL	B.O.D. mg/L	Suspended Solids mg/L	Dissolved Oxygen mg/L	Chlorine Residual Daily Avg. mg/L	Temperature ° C	Ammonia as N mg/L	Nitrite as N mg/L	Nitrate as N MG/L	TKN as N mg/L
1	7.0	562	0.42	<2.0	4.0	2.5	7.6	<0.010	22.5	<0.10	0.15	6.8	1.20
2	6.8	550	0.45	<2.0	3.0	2.4			23.1	<0.10			
3	6.9	577	0.49	<2.0	3.0	<2.0			22.8				
4	6.8	585	0.50	<2.0		<2.0			22.9				
5	6.9	581	0.50	<2.0	<3.0	<2.0			22.5				
6	6.9	554	0.50	<2.0	<3.0	<2.0			22.7				
7	7.0	545	0.49	<2.0	3.0	<2.0			23.0				
8	6.9	571	0.53	<2.0	3.0	<2.0	7.6	<0.010	23.2	<0.10	0.11	5.1	1.10
9	6.9	571	0.55	<2.0	3.0	<2.0			23.3	<0.10			
10	6.8	567	0.54	<2.0	4.0	<2.0			23.5				
11	7.0	576	0.43	<2.0		<2.0			23.5				
12	6.9	593	0.38	<2.0	3.0	<2.0			22.8				
13	6.9	560	0.35	<2.0	3.0	<2.0			22.6				
14	7.0	535	0.44	<2.0	<3.0	<2.0			22.3				
15	6.8	568	0.33		3.0	<2.0	6.7	<0.010	21.9	<0.10	0.17	7.0	1.20
16	6.8	563	0.36	<2.0	4.0	<2.0			21.8				
17	6.8	706	0.41	<2.0	6.0	<2.0							
18	7.0	590	0.53	<2.0		<2.0			22.0				
19	7.0	574	0.48	<2.0	4.0	2.0			21.8				
20	7.0	547	0.46	<2.0	4.0	2.5			21.9				
21	7.0	544	0.46	2.0	4.0	2.8			21.8				
22	7.2	554	0.72	<2.0	5.0	2.7	6.8	<0.010	22.4	<0.10	0.13	2.4	1.30
23	7.0	572	0.47	<2.0	4.0	3.0			21.8				
24	7.1	560	0.50	<2.0	4.0	<2.0			21.0				
25	7.1	540	0.49	<2.0		2.0			20.7				
26	7.0	525	0.56	<2.0	3.0	2.2			20.2				
27	7.1	555	0.57	<2.0	4.0	2.0			19.7				
28	7.0	576	0.58	<2.0	4.0	<2.0			18.4				
29	7.1	553	0.66	<2.0	4.0	2.6	7.1	<0.010	19.0	0.20	0.15	4.0	1.90
30	7.0	552	0.72	<2.0	5.0	2.3			21.1				
31	7.3	559	0.82	<2.0	5.0	<2.0			21.1				
AVG	7.0	567	0.51	<2.0	<3.7	<2.2	7.1	<0.010	21.9	<0.11	0.14	5.1	1.34
MAX	7.3	706	0.82	2.0	6.0	3.0	7.6	<0.010	23.5	0.20	0.17	7.0	1.90
MIN	6.8	525	0.33	<2.0	<3.0	<2	6.7	<0.010	18.4	<0.10	0.11	2.4	1.10

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

JANUARY 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1							
2							
3							
4							
5	349						
6							
7							
8							
9							
10							
11							
12	364						
13		<10.00	80	<5.0	<3.00	<0.5	<0.50
14							
15							
16							
17							
18							
19	461						
20							
21							
22							
23							
24							
25							
26	361						
27							
28							
29							
30							
31							
AVG	384	10.00	80	5.0	3.00	0.50	0.50
MAX	461	10.00	80	5.0	3.00	0.50	0.50
MIN	349	10.00	80	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

FEBRUARY 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1							
2	360						
3		<10.00	79	<5.0	<3.00	<0.5	<0.50
4							
5							
6							
7							
8							
9	347						
10							
11							
12							
13							
14							
15							
16	460						
17							
18							
19							
20							
21							
22							
23	511						
24							
25							
26							
27							
28							
AVG	420	10.00	79	5.0	3.00	0.50	0.50
MAX	511	10.00	79	5.0	3.00	0.50	0.50
MIN	347	10.00	79	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

MARCH 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1							
2	410						
3		<10.00	88	<5.0	<3.00	<0.5	<0.50
4							
5							
6							
7							
8							
9	360						
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23	380						
24							
25							
26							
27							
28							
29							
30	480						
31							
AVG	408	10.00	88	5.0	3.00	0.50	0.50
MAX	480	10.00	88	5.0	3.00	0.50	0.50
MIN	360	10.00	88	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

APRIL 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1							
2							
3							
4							
5							
6	400						
7		<10.00	85	<5.0	<3.00	<0.5	<0.50
8							
9							
10							
11							
12							
13	370						
14							
15							
16							
17							
18							
19							
20	190						
21							
22							
23							
24							
25							
26							
27	360						
28							
29							
30							
AVG	330	10.00	85	5.0	3.00	0.50	0.50
MAX	400	10.00	85	5.0	3.00	0.50	0.50
MIN	190	10.00	85	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

MAY 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1							
2							
3							
4	350						
5		<10.00	77	5.0	<3.00	<0.5	<0.50
6							
7							
8							
9							
10							
11	360						
12							
13							
14							
15							
16							
17							
18	250						
19							
20							
21							
22							
23							
24							
25	330						
26							
27							
28							
29							
30							
31							
AVG	323	10.00	77	5.0	3.00	0.50	0.50
MAX	360	10.00	77	5.0	3.00	0.50	0.50
MIN	250	10.00	77	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

JUNE 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1	350						
2		<10.00	81	<5.0	<3.00	<0.5	<0.50
3							
4							
5							
6							
7							
8	350						
9							
10							
11							
12							
13							
14							
15	420						
16							
17							
18							
19							
20							
21							
22	280						
23							
24							
25							
26							
27							
28							
29	360						
30							
AVG	352	10.00	81	5.0	3.00	0.50	0.50
MAX	420	10.00	81	5.0	3.00	0.50	0.50
MIN	280	10.00	81	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

JULY 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1							
2							
3							
4							
5							
6	270						
7							
8							
9							
10							
11							
12							
13	380						
14							
15		<10.00	76	<5.0	<3.00	<0.5	<0.50
16							
17							
18							
19							
20	380						
21							
22							
23							
24							
25							
26							
27	330						
28							
29							
30							
31							
AVG	340	10.00	76	5.0	3.00	0.50	0.50
MAX	380	10.00	76	5.0	3.00	0.50	0.50
MIN	270	10.00	76	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

AUGUST 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1							
2	320						
3	320	<10.00	75	<5.0	<3.00	<0.5	<0.50
4		<10.00	78	5.0	<3.00	<0.5	<0.50
5							
6							
7							
8							
9							
10	350						
11							
12							
13							
14							
15							
16							
17	421						
18							
19							
20							
21							
22							
23							
24	465						
25							
26							
27							
28							
29							
30							
31							
AVG	375	10.00	77	5.0	3.00	0.50	0.50
MAX	465	10.00	78	5.0	3.00	0.50	0.50
MIN	320	10.00	75	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

SEPTEMBER 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1		<10.00	73	<5.0	<3.00	<0.5	<0.50
2							
3	370						
4							
5							
6							
7	444						
8							
9							
10							
11							
12							
13							
14	366						
15							
16							
17							
18							
19							
20							
21	290						
22							
23							
24							
25							
26							
27							
28	556						
29							
30							
AVG	405	10.00	73	5.0	3.00	0.50	0.50
MAX	556	10.00	73	5.0	3.00	0.50	0.50
MIN	290	10.00	73	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

OCTOBER 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1							
2							
3							
4							
5	340						
6		<10.00	80	<5.0	<3.00	<0.5	<0.50
7							
8							
9							
10							
11							
12	280						
13							
14							
15							
16							
17							
18							
19	362						
20							
21							
22							
23							
24							
25							
26	260						
27							
28							
29							
30							
31							
AVG	311	10.00	80	5.0	3.00	0.50	0.50
MAX	362	10.00	80	5.0	3.00	0.50	0.50
MIN	260	10.00	80	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

NOVEMBER 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1							
2	365						
3		<10.00	76	<5.0	<3.00	<0.5	<0.50
4							
5							
6							
7							
8							
9	530						
10							
11							
12							
13							
14							
15							
16	422						
17							
18							
19							
20							
21							
22							
23	389						
24							
25							
26							
27							
28							
29							
30	450						
AVG	431	10.00	76	5.0	3.00	0.50	0.50
MAX	530	10.00	76	5.0	3.00	0.50	0.50
MIN	365	10.00	76	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Monthly Monitoring
2015

DECEMBER 2015

Date	Total Dissolved Solids mg/L	Copper µg/L	Sodium mg/L	Cyanide µg/L	Bis (2-ethylhexyl) phthalate µg/L	Dichlorobromo-methane µg/L	Dibromochloro-methane µg/L
1		<10.00	77	<5.0	<3.00	<0.5	<0.50
2							
3							
4							
5							
6							
7	403						
8							
9							
10							
11							
12							
13							
14	460						
15							
16							
17							
18							
19							
20							
21	331						
22							
23							
24							
25							
26							
27							
28	375						
29							
30							
31							
AVG	392	10.00	77	5.0	3.00	0.50	0.50
MAX	460	10.00	77	5.0	3.00	0.50	0.50
MIN	331	10.00	77	5.0	3.00	0.50	0.50

VVWRA
Facility Effluent Monitoring - River Discharge
Quarterly
2015

Sample Month/Day	Boron (mg/L)	Hardness (mg/L)	Chloride (mg/L)	Fluoride (mg/L)	Sulfate (mg/L)	Oil & Grease (mg/L)	Phenols (mg/L)	MBAS (MG/L)
1/13/2015	0.21	71	58	0.40	36	<2.6	<0.02	<0.13
4/7/2015	0.25	73	62	0.50	38	<2.6	<0.02	0.14
7/15/2015	0.21	82	55	0.40	33	<2.6	<0.02	0.08
10/6/2015	0.20	66	75	0.30	31	3.5	<0.02	<0.08

VVWRA
Facility Effluent Monitoring - River Discharge
Annual
2015

January

Sample Date: 12/31/2015

Parameter	Units	Result	EPA Method
Purgable Organics			
Volatile Organic Compounds	(µg/L)	ND	EPA 624
All results Non-Detectable			
Base Neutral Extractable Organics			
Semivolatile Organic Cmpds	(µg/L)	ND	EPA 625
All results were Non-Detectable			
Acid Extractable Organics			
Phenol Group	(µg/L)	ND	EPA 625
Heavy Metals			
Metals and Metalloids	(µg/L)	ND	EPA 200.8
All results Non-Detectable with the exception of:			
Vanadium	(mg/L)	0.013	
Zinc	(mg/L)	0.048	
Methyl t-Butyl Ether	(µg/L)	ND	EPA 624
2,3,7,8-TCDD (Dioxin Scan)	(µg/L)	ND	EPA 625
Asbestos Fibers	(MFL)	ND	EPA 600 R 94
Fecal Coliform	(MPN/100mL)	ND	SM 9221-E
All results Non-Detectable with the exception of:			
1/6/2015	(MPN/100mL)	2	
1/31/2015	(MPN/100mL)	2	
2/5/2015	(MPN/100mL)	2	
2/16/2015	(MPN/100mL)	2	
2/19/2015	(MPN/100mL)	2	
3/9/2015	(MPN/100mL)	2	
3/21/2015	(MPN/100mL)	2	
4/21/2015	(MPN/100mL)	2	
5/11/2015	(MPN/100mL)	4	
5/14/2015	(MPN/100mL)	8	
6/20/2015	(MPN/100mL)	2	
7/1/2015	(MPN/100mL)	4	
9/6/2015	(MPN/100mL)	2	
10/21/2015	(MPN/100mL)	2	
10/25/2015	(MPN/100mL)	2	
12/21/2015	(MPN/100mL)	2	

SECTION 6

2015

PERCOLATION POND

INFLUENT MONITORING

VVWRA
Percolation Pond Influent Monitoring
2015
Schedule

Parameter	Units	Type of Sample	Frequency
BOD	mg/L	24 Hour Composite	Weekly
Total Suspended Solids	mg/L	24 Hour Composite	Weekly
pH	pH Units	Grab	Weekly
Total Dissovled Solids	mg/L	24 Hour Composite	2/Week
Nitrite Nitrogen	mg/L as N	Grab	2/Week
Nitrate Nitrogen	mg/L as N	Grab	2/Week
Kjeldahl Nitrogen	mg/L as N	Grab	2/Week
Total Nitrogen	mg/L as N	Calculation	2/Week
Ammonia Nitrogen	mg/L as N	Grab	2/Week

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
1/1/2015	8.0	6.98	<2.0						
1/2/2015		7.05	<2.0						
1/3/2015	10.0	7.00	<2.0						
1/4/2015	6.0	7.07	<2.0						
1/5/2015	8.0	7.11	<2.0	388.0					
1/6/2015	6.0	7.21	<2.0		5.3	0.3	1.7	7.32	0.18
1/7/2015	10.0	7.06	3.2						
1/8/2015	8.0	7.13	2.1						
1/9/2015		7.08	2.4						
1/10/2015	8.0	7.12	2.8						
1/11/2015	7.0	7.16	2.3						
1/12/2015	6.0	7.16	2.2	349.0					
1/13/2015	6.0	7.10	2.1		8.8	0.3	1.4	10.45	0.20
1/14/2015	6.0	7.10	2.2						
1/15/2015	5.0	7.05	<2.0						
1/16/2015		6.94	<2.0						
1/17/2015	10.0	7.02	9.0						
1/18/2015	5.0	7.08	2.2						
1/19/2015	4.0	7.04	2.1	375.0					
1/20/2015	4.0	7.13	2.1		4.4	0.3	1.3	5.97	0.11
1/21/2015	4.0	7.11	2.1						
1/22/2015	4.0	7.10	3.1						
1/23/2015		7.01	2.9						
1/24/2015		6.99	2.9						
1/25/2015		7.04	3.0						
1/26/2015	13.0	7.15	2.6	496.0					
1/27/2015	10.0	7.05	3.0		10.0	1.2	1.8	13.00	0.64
1/28/2015		7.05	2.6						
1/29/2015	7.0	7.02							
1/30/2015	8.0	6.98							
1/31/2015		7.08							
Avg	7.1	7.07	<2.6	402.0	7.1	0.5	1.5	9.19	0.28
Max	13.0	7.21	9.0	496.0	10.0	1.2	1.8	13.00	0.64
Min	4.0	6.94	<2.0	349.0	4.4	0.3	1.3	5.97	0.11

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
2/1/2015	9.0	7.03	<2.0						
2/2/2015	9.0	7.12	3.1	380.0					
2/3/2015	7.0	7.09	<2.0		8.0	0.6	1.6	10.24	0.51
2/4/2015		7.17	<2.0						
2/5/2015	6.0	7.06	2.1						
2/6/2015		7.01							
2/7/2015		7.04							
2/8/2015	7.0	7.12	2.8						
2/9/2015	8.0	7.15	3.3	453.0					
2/10/2015		7.04	3.3		4.8	0.4	2.0	7.24	0.47
2/11/2015	10.0	7.10	3.9						
2/12/2015	11.0	7.02	3.5						
2/13/2015		7.06	2.8						
2/14/2015	10.0	7.08	<2.0						
2/15/2015	10.0	7.12	<2.0						
2/16/2015	12.0	7.06	<2.0	413.0					
2/17/2015	14.0	7.12	2.2		4.5	1.8	5.2	11.50	3.80
2/18/2015		7.07	<2.0						
2/19/2015		7.10	2.3						
2/20/2015		7.04	<2.0						
2/21/2015	7.0	7.04	2.2						
2/22/2015	8.0	7.11	2.1						
2/23/2015	8.0	7.13	2.4	429.0					
2/24/2015	8.0	7.05	<8.0		10.0	0.3	1.5	11.81	0.27
2/25/2015		6.98	3.0						
2/26/2015		7.03	2.5						
2/27/2015		7.04							
2/28/2015	8.0	7.08	<2.0						
Avg	8.9	7.07	<2.7	418.8	6.8	0.8	2.6	10.20	1.26
Max	14.0	7.17	<8.0	453.0	10.0	1.8	5.2	11.81	3.80
Min	6.0	6.98	<2.0	380.0	4.5	0.3	1.5	7.24	0.27

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
3/1/2015	8.0	7.04	2.1						
3/2/2015	9.0	7.16	2.5	414.0					
3/3/2015	12.0	7.11	2.9		5.5	0.9	5.6	11.98	3.40
3/4/2015		7.11	2.7						
3/5/2015		7.09	2.6						
3/6/2015		7.13							
3/7/2015	5.0	7.18							
3/8/2015	8.0	7.18	3.0						
3/9/2015	9.0	7.22	2.8	370.0					
3/10/2015		7.22	3.6		2.1	0.3	15.0	17.42	9.00
3/11/2015	6.0	7.29	3.1						
3/12/2015	6.0	7.26	2.4						
3/13/2015		7.26							
3/14/2015	6.0	7.22							
3/15/2015	8.0	7.21	2.2						
3/16/2015	5.0	7.25	<2.0	390.0					
3/17/2015		7.22	2.2		4.6	0.5	12.0	17.06	7.90
3/18/2015	6.0	7.12	<2.0						
3/19/2015	7.0	7.13	2.1						
3/20/2015		7.09							
3/21/2015	<5.0	7.16							
3/22/2015	5.0	7.18	2.0						
3/23/2015	6.0	7.11	<2.0	340.0					
3/24/2015		7.20	<2.0		6.1	0.2	1.2	7.45	0.25
3/25/2015	6.0	7.08	2.2						
3/26/2015	5.0	7.19	2.3						
3/27/2015		7.13							
3/28/2015	6.0	7.11							
3/29/2015	7.0	7.17	3.7						
3/30/2015	9.0	7.15	3.7	370.0					
3/31/2015		7.16	4.1		6.0	0.2	1.6	7.78	0.22
Avg	<6.9	7.17	<2.6	376.8	4.9	0.4	7.1	12.34	4.15
Max	12.0	7.29	4.1	414.0	6.1	0.9	15.0	17.42	9.00
Min	<5.0	7.04	<2.0	340.0	2.1	0.2	1.2	7.45	0.22

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
4/1/2015	9.0	7.07	3.6						
4/2/2015	8.0	7.11	4.6						
4/3/2015		7.09							
4/4/2015	8.0	7.10							
4/5/2015	8.0	7.18	5.0						
4/6/2015	9.0	7.18	4.6	360.0					
4/7/2015		7.12	4.0		7.1	0.2	2.6	9.90	0.12
4/8/2015	5.0	7.16	3.6						
4/9/2015	5.0	7.12	4.2						
4/10/2015		7.22							
4/11/2015	5.0	7.21							
4/12/2015	5.0	7.27	3.8						
4/13/2015	5.0	7.36	3.2	370.0					
4/14/2015		7.31	2.9		4.8	0.1	1.5	6.42	0.16
4/15/2015	<5.0	7.21	3.1						
4/16/2015	<5.0	7.21	3.0						
4/17/2015		7.13							
4/18/2015	<5.0	7.27							
4/19/2015	<5.0	7.28	3.2						
4/20/2015	<5.0	7.42	3.1	240.0					
4/21/2015		7.26	3.0		7.0	0.1	1.2	8.32	0.12
4/22/2015	<5.0	7.06	2.5						
4/23/2015	<5.0	7.28	3.3						
4/24/2015		7.20							
4/25/2015	5.0	7.24							
4/26/2015	<5.0	7.24	<2.0						
4/27/2015	<5.0	7.09	<2.0	350.0					
4/28/2015		7.14	<2.0		5.5	0.1	1.3	6.90	<0.10
4/29/2015	<5.0	7.17	<2.0						
4/30/2015	<5.0	7.11	2.3						
Avg	<5.8	7.19	<3.2	330.0	6.1	0.1	1.7	7.89	<0.13
Max	9.0	7.42	5.0	370.0	7.1	0.2	2.6	9.90	0.16
Min	<5.0	7.06	<2.0	240.0	4.8	0.1	1.2	6.42	<0.10

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
5/1/2015		7.13							
5/2/2015	5.0	7.09							
5/3/2015	5.0	7.15	1.6						
5/4/2015	6.0	7.14	2.8	340.0					
5/5/2015		7.16	<2.0		6.2	0.2	1.4	7.75	<0.10
5/6/2015	5.0	7.05	2.8						
5/7/2015	5.0	7.08	2.7						
5/8/2015		7.00							
5/9/2015	5.0	7.02							
5/10/2015	7.0	7.13	3.3						
5/11/2015	6.0	7.16	3.9	370.0					
5/12/2015		7.22	4.5		4.8	0.1	1.7	6.64	<0.10
5/13/2015	7.0	7.17	5.5						
5/14/2015	6.0	7.13	5.0						
5/15/2015		7.07							
5/16/2015	5.0	7.02							
5/17/2015	5.0	7.14	3.0						
5/18/2015	5.0	7.05	2.0	220.0					
5/19/2015		7.07	<2.0		5.9	0.2	1.6	7.70	0.13
5/20/2015	<5.0	7.15	2.0						
5/21/2015	<5.0	7.15	<2.0						
5/22/2015		7.04							
5/23/2015	5.0	6.99							
5/24/2015	5.0	7.07	<2.0						
5/25/2015	<5.0	7.14	3.5	290.0					
5/26/2015		7.15	<2.0		4.3	0.1	1.6	6.02	0.10
5/27/2015	6.0	7.08	<2.0						
5/28/2015	5.0	7.14	2.7						
5/29/2015		7.12							
5/30/2015	<5.0	7.09							
5/31/2015	<5.0	7.16	<2.0						
Avg	<5.4	7.11	<2.8	305.0	5.3	0.2	1.6	7.03	<0.11
Max	7.0	7.22	5.5	370.0	6.2	0.2	1.7	7.75	0.13
Min	<5.0	6.99	1.6	220.0	4.3	0.1	1.4	6.02	<0.10

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
6/1/2015	<5.0	7.14	<2.0	330.0					
6/2/2015		7.14	<2.0		6.4	0.1	1.3	7.83	<0.10
6/3/2015	5.0	7.08	<2.0						
6/4/2015	<5.0	7.11	<2.0						
6/5/2015		7.09							
6/6/2015	5.0	7.07							
6/7/2015	6.0	7.13	3.3						
6/8/2015	6.0	7.27	3.0	370.0					
6/9/2015	6.0	7.12	<2.0		8.3	0.4	1.7	10.41	0.41
6/10/2015	<5.0	7.09	<2.0						
6/11/2015	<5.0	7.13	<2.0						
6/12/2015		7.12							
6/13/2015	6.0	7.06							
6/14/2015	6.0	7.19							
6/15/2015	7.0	7.17	2.4	320.0					
6/16/2015		7.21	2.4		6.9	0.4	1.7	8.97	<0.10
6/17/2015	8.0	7.18	3.1						
6/18/2015	8.0	7.18	3.1						
6/19/2015		7.13							
6/20/2015	10.0	7.11							
6/21/2015	11.0	7.24	3.6						
6/22/2015	12.0	7.18	4.6	310.0					
6/23/2015		7.03	4.2		5.1	0.8	1.9	7.76	0.30
6/24/2015	9.0	7.21	3.9						
6/25/2015	8.0	7.08	3.3						
6/26/2015		7.19							
6/27/2015	6.0	7.13							
6/28/2015	12.0	7.14	3.7						
6/29/2015	6.0	7.17	4.0	360.0				9.23	
6/30/2015		7.15	3.1		7.8	0.2	1.2		0.19
Avg	<7.1	7.14	<2.9	338.0	6.9	0.4	1.6	8.84	<0.22
Max	12.0	7.27	4.6	370.0	8.3	0.8	1.9	10.41	0.41
Min	<5.0	7.03	<2.0	310.0	5.1	0.1	1.2	7.76	<0.10

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
7/1/2015	<5.0	7.17	<2.0						
7/2/2015	<5.0	7.14	<2.0						
7/3/2015		7.16							
7/4/2015	<5.0	7.14							
7/5/2015	<5.0	7.13	<2.0						
7/6/2015	5.0	7.12	<2.0	310.0					
7/7/2015		7.10	<2.0		9.6	0.2	1.1	10.93	0.11
7/8/2015	5.0	7.16	<2.0						
7/9/2015	<10.0	7.18	<2.0						
7/10/2015		7.12							
7/11/2015	5.0	7.10							
7/12/2015	<5.0	7.14	<2.0						
7/13/2015	6.0	7.06	<2.0	370.0					
7/14/2015	<5.0	7.16	2.7		7.9	0.1	1.1	9.14	<0.10
7/15/2015	<5.0	7.06	5.8		9.0	0.1	1.1	10.22	<0.10
7/16/2015	5.0	7.18	4.0						
7/17/2015		7.24							
7/18/2015	<5.0	7.13							
7/19/2015	<5.0	7.10	<2.0						
7/20/2015	<5.0	7.11	<2.0	360.0					
7/21/2015		7.09	<2.0		7.8	0.3	0.9	8.96	<0.10
7/22/2015	<5.0	7.16	<2.0						
7/23/2015	<5.0	7.10	<2.0						
7/24/2015		7.13							
7/25/2015	7.0	7.06							
7/26/2015	5.0	7.17	8.0						
7/27/2015	<5.0	7.16	2.4	330.0					
7/28/2015		7.19	<2.0		8.8	0.1	1.1	10.01	<0.10
7/29/2015	<5.0	7.13	<2.0						
7/30/2015	<5.0	7.09	<2.0						
7/31/2015		7.07							
Avg	<5.3	7.13	<2.6	342.5	8.6	0.2	1.1	9.85	<0.10
Max	<10.0	7.24	8.0	370.0	9.6	0.3	1.1	10.93	0.11
Min	<5.0	7.06	<2.0	310.0	7.8	0.1	0.9	8.96	<0.10

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
8/1/2015	<5.0	7.10							
8/2/2015	5.0	7.11							
8/3/2015	<5.0	7.14	<2.0	360.0					
8/4/2015		7.18	<2.0		8.2	0.1	0.9	9.19	<0.10
8/5/2015	<5.0	7.12	2.3						
8/6/2015	6.0	7.12	3.6						
8/7/2015		7.16							
8/8/2015	<5.0	7.44							
8/9/2015	<5.0	7.21	2.6						
8/10/2015	<5.0	7.23	2.3	360.0					
8/11/2015		7.24	2.2		8.4	0.1	0.9	9.37	<0.10
8/12/2015	<5.0	7.16	2.4						
8/13/2015	<5.0	7.16	3.2						
8/14/2015		7.06							
8/15/2015	5.0	7.21							
8/16/2015	5.0	7.17	2.3						
8/17/2015	<5.0	7.19	2.5	518.0					
8/18/2015		7.12	3.3		9.9	0.2	1.3	11.37	0.12
8/19/2015	5.0	7.09	4.2						
8/20/2015	6.0	7.12	2.2						
8/21/2015		7.19							
8/22/2015	<5.0	7.23							
8/23/2015	<5.0	7.24	<2.0						
8/24/2015	<5.0	7.23	<2.0	425.0					
8/25/2015		7.20	<2.0		13.0	<0.1	0.9	<13.99	0.30
8/26/2015	5.0	7.03	2.4						
8/27/2015	5.0	7.22	2.0						
8/28/2015		7.11							
8/29/2015	5.0	7.20							
8/30/2015	5.0	7.20	2.6						
8/31/2015	6.0	7.25	5.3						
Avg	<5.1	7.18	<2.6	415.8	9.9	<0.1	1.0	<10.98	<0.16
Max	6.0	7.44	5.3	518.0	13.0	0.2	1.3	<13.99	0.30
Min	<5.0	7.03	<2.0	360.0	8.2	<0.1	0.9	9.19	<0.10

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
9/1/2015	6.0	7.18	2.8		9.0	0.1	1.2	10.31	<0.10
9/2/2015	<5.0	7.10	4.1						
9/3/2015	<5.0	7.15	2.2	350.0					
9/4/2015		7.15							
9/5/2015	<5.0	7.17							
9/6/2015	<5.0	7.16	<2.0						
9/7/2015	<5.0	7.20	<2.0	439.0					
9/8/2015		7.24	<2.0		2.1	<0.1	1.5	<3.70	0.20
9/9/2015	<5.0	7.21	<2.0						
9/10/2015	<5.0	7.24	<2.0						
9/11/2015		7.22							
9/12/2015	<5.0	7.21							
9/13/2015	<5.0	7.19	<2.0						
9/14/2015	<5.0	7.23	<2.0	503.0					
9/15/2015		7.29	<2.0		3.6	0.2	1.2	4.95	0.13
9/16/2015	<5.0	7.21	<2.0						
9/17/2015	<5.0	7.17	2.1						
9/18/2015		7.19							
9/19/2015	<5.0	7.14							
9/20/2015	5.0	7.21	2.7						
9/21/2015	6.0	7.16	2.8	280.0					
9/22/2015		7.25	3.1		4.3	0.2	3.2	7.74	1.80
9/23/2015	6.0	7.12	3.8						
9/24/2015	5.0	7.32	4.3						
9/25/2015		7.30	4.2						
9/26/2015	<5.0	7.21	<2.0						
9/27/2015	<5.0	7.19	<2.0						
9/28/2015	5.0	7.17		390.0					
9/29/2015		7.15	<2.0						
9/30/2015	<5.0	7.16	<2.0						
Avg	<5.1	7.20	<2.5	392.4	4.8	<0.2	1.8	<6.67	<0.56
Max	6.0	7.32	4.3	503.0	9.0	0.2	3.2	10.31	1.80
Min	<5.0	7.10	<2.0	280.0	2.1	<0.1	1.2	<3.70	<0.10

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
10/1/2015	<5.0	7.21	<2.0		6.1	0.2	1.4	7.73	0.20
10/2/2015		7.11	<2.0						
10/3/2015	<5.0	7.11	<2.0						
10/4/2015	<5.0	7.13	2.2						
10/5/2015	6.0	7.14	<2.0	320.0					
10/6/2015		7.14	2.3		6.7	0.2	1.0	7.87	<0.10
10/7/2015	6.0	7.07	2.0						
10/8/2015	<5.0	7.13	<2.0						
10/9/2015		7.08	<2.0						
10/10/2015	<5.0	7.05	<2.0						
10/11/2015	5.0	7.10	<2.0						
10/12/2015	<5.0	7.12	<2.0	260.0					
10/13/2015		7.13	<2.0		5.9	<0.1	1.3	<7.30	<0.10
10/14/2015	<5.0	7.14	<2.0						
10/15/2015	<5.0	7.30	<2.0						
10/16/2015		7.16	<2.0						
10/17/2015	6.0	7.03	<2.0						
10/18/2015	5.0	7.08	<2.0						
10/19/2015	5.0	7.18	<2.0	371.0					
10/20/2015		7.17	<2.0		5.7	<0.1	1.2	<7.00	<0.10
10/21/2015	<5.0	7.16	<2.0						
10/22/2015	<5.0	7.13	2.0						
10/23/2015		7.08	<2.0						
10/24/2015	<5.0	7.09	<2.0						
10/25/2015	<5.0	7.08	<2.0						
10/26/2015	<5.0	7.15	<2.0	370.0					
10/27/2015		7.13	<2.0						
10/28/2015	<5.0	7.12	<2.0						
10/29/2015	<5.0	7.15	<2.0		9.2	<0.1	1.4	<10.70	0.20
10/30/2015		7.07	<2.0						
10/31/2015	<5.0	7.08	2.4						
Avg	<5.1	7.12	<2.0	330.3	6.7	<0.1	1.3	<8.12	<0.14
Max	6.0	7.30	2.4	371.0	9.2	0.2	1.4	<10.70	0.20
Min	<5.0	7.03	<2.0	260.0	5.7	<0.1	1.0	<7.00	<0.10

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
11/1/2015	6.0	7.18	2.0						
11/2/2015	<5.0	7.24	<2.0	330.0					
11/3/2015		7.23	<2.0		5.1	<0.1	0.8	<5.96	<0.10
11/4/2015	4.0	7.06	<2.0						
11/5/2015	5.0	7.09	<2.0						
11/6/2015		7.08	<2.0						
11/7/2015	4.0	7.00	<3.0						
11/8/2015	6.0	7.04	2.0						
11/9/2015	6.0	7.19	<4.0	322.0					
11/10/2015		7.11	<2.0		4.5	0.1	1.5	6.12	<0.10
11/11/2015	<5.0	7.08	<2.0						
11/12/2015	<5.0	7.11	<2.0						
11/13/2015		7.07	<2.0						
11/14/2015	<5.0	7.01	<2.0						
11/15/2015	<5.0	7.11	<2.0						
11/16/2015	4.0	7.11	<2.0	336.0					
11/17/2015	3.0	7.05	<2.0		6.5	<0.1	2.0	<8.60	0.74
11/18/2015	4.0	7.09	<2.0						
11/19/2015	4.0	7.10	<2.0						
11/20/2015		7.04	<2.0						
11/21/2015	<5.0	6.97	<2.0						
11/22/2015	<5.0	7.03	<2.0						
11/23/2015	4.0	7.08	<2.0	453.0					
11/24/2015	4.0	7.14	<2.0		6.4	0.2	1.6	8.18	<0.10
11/25/2015	<5.0	7.04	<2.0						
11/26/2015	<5.0	7.07	<2.0						
11/27/2015		7.09	<2.0						
11/28/2015	4.0	6.99	2.3						
11/29/2015	4.0	7.03	2.1						
11/30/2015	4.0	7.07	<2.0	337.0					
Avg	<4.6	7.08	<2.1	355.6	5.6	<0.1	1.5	<7.22	<0.26
Max	6.0	7.24	<4.0	453.0	6.5	0.2	2.0	<8.60	0.74
Min	3.0	6.97	<2.0	322.0	4.5	<0.1	0.8	<5.96	<0.10

VVWRA
Percolation Pond Influent Monitoring

	Weekly				2/Week				
Date	5 Day BOD (mg/L)	pH (SU)	Total Suspended Solids (mg/L)	Total Dissolved Solids (mg/L)	Nitrate NO3 N (mg/L)	Nitrite NO2 N (mg/L)	TKN (mg/L)	Total Nitrogen (mg/L)	Ammonia N (mg/L)
12/1/2015	4.0	7.06	<2.0		6.9	0.2	1.0	8.05	<0.10
12/2/2015	7.0	6.95	2.9						
12/3/2015	4.0	7.03	<2.0						
12/4/2015		6.96	<2.0						
12/5/2015	4.0	6.98	<2.0						
12/6/2015	4.0	6.97	<2.0						
12/7/2015	4.0	6.99	<2.0	402.0					
12/8/2015	4.0	7.04	<2.0		5.2	0.1	1.0	6.29	<0.10
12/9/2015	4.0	6.98	<2.0						
12/10/2015	4.0	6.98	<2.0						
12/11/2015		7.04	<2.0						
12/12/2015	3.0	6.93	2.2						
12/13/2015	3.0	6.98	<2.0						
12/14/2015	4.0	6.99	<2.0	340.0					
12/15/2015	3.0	7.00	<2.0		7.2	0.2	1.6	8.95	<0.10
12/16/2015	6.0	6.92	<2.0						
12/17/2015	8.0	6.87	<2.0						
12/18/2015		6.97	<2.0						
12/19/2015	6.0	7.06	2.2						
12/20/2015	6.0	7.07	2.5						
12/21/2015	6.0	7.08	2.1	361.0					
12/22/2015	8.0	7.12	2.6		2.5	0.1	1.4	4.03	<0.10
12/23/2015	6.0	7.09	2.6						
12/24/2015	4.0	7.14	2.2						
12/25/2015		7.18	2.3						
12/26/2015	4.0	7.06	2.7						
12/27/2015	4.0	7.08	2.8						
12/28/2015	3.0	7.08	2.2	399.0					
12/29/2015	4.0	7.11	2.3		4.0	0.2	1.6	5.75	0.17
12/30/2015	8.0	7.11	<2.0						
12/31/2015	8.0	7.09	2.1						
Avg	4.9	7.03	<2.2	375.5	5.2	0.1	1.3	6.61	<0.11
Max	8.0	7.18	2.9	402.0	7.2	0.2	1.6	8.95	0.17
Min	3.0	6.87	<2.0	340.0	2.5	0.1	1.0	4.03	<0.10

SECTION 7

2015

GROUNDWATER MONITORING

VVWRA
Ground Water Monitoring
2015
Schedule

Parameter	Units	Type of Sample	Frequency	2015 Sample Month(s)
Depth to Groundwater	Feet	Measured	Monthly	N/A
Temperature	Degrees	Grab	Semiannually	April/October
pH	SU	Grab	Semiannually	April/October
EC	uS/cm	Grab	Semiannually	April/October
Turbidity	NTU	Grab	Semiannually	April/October
DO	mg/L	Grab	Semiannually	April/October
ORP	mV	Grab	Semiannually	April/October
Static Water Level	ft msl	Determination	Semiannually	April/October
Total Dissolved Solids	mg/L	Grab	Semiannually	April/October
Nitrate Nitrogen	mg/L as N	Grab	Semiannually	April/October
Nitrite Nitrogen	mg/L as N	Grab	Semiannually	April/October
Kjeldahl Nitrogen	mg/L as N	Grab	Semiannually	April/October
Total Nitrogen	mg/L as N	Grab	Semiannually	April/October
Ammonia Nitrogen	mg/L as N	Grab	Semiannually	April/October
Direction of Gradient	N/A	Determination	Semiannually	April/October
MBAS	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Chlorides	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Sodium	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Sulfate	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Purgable Organics	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Methyl t-Butyl Ether	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Alkalinity	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Calcium	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Magnesium	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Potassium	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Iron	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Copper	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Zinc	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017
Manganese	mg/L	Grab	Annually	Once/Two Years - Next collection April 2017

Depth to Groundwater

Date	SP 1 (Feet)	SP 2 (Feet)	SP 3 (Feet)	SP 4 (Feet)	LW1 (Feet)	LW2 (Feet)	LW3 (Feet)	LW4 (Feet)	NW1 (Feet)	NW 2 (Feet)	NW 3 (Feet)	OW1 (Feet)	OW2 (Feet)	OW3 (Feet)	OW 4 (Feet)	OW 6 (Feet)
1/14/2015	22	24.25	35.75	103.25	48.75	48	13.75	50	16.25	5.1	5.25	12.51		16.5	20.75	4.25
2/11/2015	22	24.75	36.15	103.75	48.25	48	15.5		16	5.25	5.5	10.25		16.5	20.25	4.25
3/4/2015	22	23.75	36.5	104.25	48.25	2594.18	13.5	50.5	16.5	5.25	5.75	10.75			20.25	4.5
4/1/2015	20.75	24	36.5	103	46.5	46.5	13	49.5	16	4.75	3.75	10.5		16	20	4.5
5/19/2015														16		
5/20/2015	22.58	25.83	38	104.83	47.5	47.3	13.2	49.7	16.08	5.16	5.5	12.5			19.5	4.5
6/1/2015	22.89	26.16	38.26	106.29	48.1	47.79	13.24	49.98	16.25	5.1	5.53	10.7		16.41	20.03	4.35
7/23/2015	26.16	29.35	40.16	107.5	50.75	2592.43	14.5	51.9	17	6.3		11.3		17.5	23	4.8
7/24/2015											5.9					
8/20/2015	26.5	30	38.75	106.9	50.25	50	52	14	18	7	6	11.6		17.5	23	4.5
9/3/2015	26.25	29.8	40.2	107.08	52		15.8	52	17.5	7	9	12		17.5	23.2	4.67
10/6/2015	24	26.5	38.9	106	50.25	49.92	14.75	55	17	6.25	5.5	12.5		17.5	22.42	4.5
11/3/2015	23.9	26	38.8	105.5	49.8	59.5	14.2	51.2	17	6	5.7	12.4		17.5	22	4.4
12/18/2015	24.8	27	38.8	105.9	50	49.5	14	51.1	17	6	6	12		17.5	22	4.5

VVWRA Ground Water Monitoring

Fall 2015 Final Field Parameters[1]

Well Name	Date	Depth to Water (ft below TOC)	TOC Elevation	Ground-water Elevation (ft msl)	Purge Time (min.)	Volume Pumped (gal)	Temp-erature (c)	pH	EC (uS/cm)	Turb-idity (NTU)	DO (mg/L)	ORP (mV)
LW-1	10/7/2015	50.51	2646.35	2595.84	0:14	105	23.7	8.02	701	2	1.91	108
LW-2	10/6/2015	50.20	2642.43	2592.23	0:14	105	22.2	7.61	759	2	2.41	92
LW-3	10/6/2015	14.58	2597.47	2582.89	0:13	100	21.4	7.61	771	2	1.69	197
LW-4	10/6/2015	52.01	2641.14	2589.13	0:13	100	21.7	8.06	714	1	2.01	176
NW-1	10/6/2015	17.09	2602.16	2585.07	0:17	130	21.7	7.57	637	210	0.74	-108
NW-2	10/8/2015	6.35	2591.13	2584.78	0:23	245	19.2	7.77	774	1	1.57	187
NW-3	10/8/2015	5.64	2579.33	2573.69	0:26	234	20.2	7.82	751	2	1.74	197
OW-1	10/7/2015	12.38	2611.05	2598.67	0:13	119	19.4	7.42	1038	1	1.4	-59
OW-2	10/7/2015	artesian	2597.07	-	-	-	20.4	7.19	588	4	1.91	171
OW-3	10/8/2015	17.71	2604.48	2586.77	0:10	90	23.8	7.7	768	2	1.45	151
OW-4	10/6/2015	22.50	2619.71	2597.21	0:13	100	25.4	7.86	708	1	2.64	97
OW-6	10/8/2015	4.40	2572.65	2568.25	0:12	114	21.0	7.67	619	2	1.45	-59
SP-1	10/7/2015	24.28	2626.53	2602.25	0:10	96	21.6	7.05	630	2	1.86	158
SP-2	10/7/2015	27.00	2630.71	2603.71	0:12	90	23.9	7.41	672	5	1.4	197
SP-3	10/7/2015	39.78	2641.77	2601.99	0:10	75	25.4	6.9	590	10	1.14	182
SP-4	10/7/2015	107.30	2710.89	2603.59	0:10	80	19.4	7.74	720	51	2.48	224

Abbreviations: ft=feet;TOC=top of casing; msl=mean sea level; min.=minutes; gal=gallons; c=degrees Celsius

1. The WDR (2012) requires final field parameters (collected after well purging and before the well groundwater quality sampling) to be included in this report.

VVWRA Ground Water Monitoring

Nitrate and TDS Results in Groundwater
Spring 2015

Well ID	Date	Ammonia-Nitrogen	Kjeldahl Nitrogen	Nitrate as N	Nitrite as N	Total Nitrogen[1]	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Water Quality Objective		*N/A*	*N/A*	*10*	*N/A*	*N/A*	*500*
Wells Required by WDRs							
LW-1	4/29/2015	<0.10	<0.40	9.1	<0.10	9.1	400
LW-2	4/27/2015	<0.10	<0.40	10	<0.10	10	420
LW-3	4/27/2015	<0.10	<0.40	9.2	<0.10	9.2	410
LW-4	4/27/2015	<0.10	<0.40	8.7	<0.10	8.7	420
NW-1	4/27/2015	<0.10	0.18	<0.20	<0.10	<0.40	360
NW-2	4/29/2015	<0.10	<0.40	**12**	<0.10	12	400
NW-3	4/29/2015	<0.10	<0.10	0.87	<0.10	0.87	480
OW-1	4/29/2015	<0.10	0.47	<0.20	<0.10	0.47	**700**
OW-2	4/28/2015	<0.10	<0.40	7.6	<0.10	7.6	420
OW-3	4/29/2015	<0.10	<0.40	9.7	<0.10	9.7	440
OW-4	4/27/2015	<0.10	<0.40	8.7	<0.10	8.7	410
OW-6	4/29/2015	<0.10	0.21	2.6	<0.10	2.8	350
SP-1	4/29/2015	<0.10	<0.40	**13**	<0.10	13	380
SP-2	4/28/2015	<0.10	<0.40	7.1	<0.10	7.1	480
SP-3	4/28/2015	<0.10	<0.40	8.8	<0.10	8.8	480
SP-4	4/28/2015	<0.10	<0.40	10	<0.10	10	**520**

Note: The WDRs (2012) require 16 wells listed above to be sampled annually (April and October) and groundwater analyzed for the six parameters listed in this table.

Bold value: indicates a value that exceeds the water quality objective

VVWRA Ground Water Monitoring

General Mineral Results in Groundwater
Spring 2015

Well	Date Sampled	MBAS	Total Alkalinity	Calcium	Mag-nesium	Potas-sium	Sodium	Chloride	Fluoride	Sulfate
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Secondary MCL		*0.5[a]*	*N/A*	*N/A*	*N/A*	*N/A*	*N/A*	*250[b]*	*N/A*	*250[b]*
LW-1	4/29/2015	<0.08	150	26	4.4	1.8	100	63	1.3	39
				28	*4.7*	*1.9*	*110*			
LW-2	4/27/2015	<0.08	160	36	5.5	2.2	110	67	1.3	44
				37	*5.7*	*2.4*	*110*			
LW-3	4/27/2015	<0.08	160	31	4.3	4.4	99	69	0.6	44
				35	*4.8*	*4.8*	*110*			
LW-4	4/27/2015	<0.08	150	33	4.4	2.4	110	67	0.7	50
				35	*4.6*	*2.4*	*110*			
NW-1	4/27/2015	<0.08	140	43	6.8	1.6	74	66	0.6	60
				50	*11*	*4.1*	*75*			
NW-2	4/29/2015	<0.20	190	41	5.9	1.9	96	69	0.4	42
				45	*6.1*	*2.0*	*100*			
NW-3	4/29/2015	<0.08	220	50	7.2	1.1	110	63	0.9	60
				52	*7.2*	*1.1*	*120*			
OW-1	4/29/2015	<0.08	140	94	13	2.2	98	32	0.4	**310**
				100	*14*	*2.5*	*100*			
OW-2	4/28/2015	0.24	100	27	5.3	8.7	77	67	0.3	41
				28	*5.3*	*9.0*	*80*			
OW-3	4/29/2015	<0.08	160	37	7	1.1	110	72	0.8	56
				39	*7.2*	*1.2*	*110*			
OW-4	4/27/2015	<0.08	170	40	4.7	2.3	100	66	0.4	41
				42	*5*	*2.4*	*110*			
OW-6	4/29/2015	<0.08	130	42	5.1	2.1	74	45	0.6	73
				43	*5.1*	*2.2*	*76*			
SP-1	4/29/2015	<0.08	110	35	5.5	7	80	70	0.3	41
				37	*5.6*	*7.7*	*81*			
SP-2	4/28/2015	<0.08	150	47	5.4	3.9	81	71	0.3	45
				50	*5.5*	*4.2*	*83*			
SP-3	4/28/2015	<0.08	86	23	6.3	12	76	64	0.4	40
				24	*6.7*	*12*	*82*			
SP-4	4/28/2015	<0.08	160	38	5.1	2.4	94	68	0.3	41
				44	*8*	*4.5*	*98*			

Note: The WDRs (2012) require the 16 network wells listed above to be sampled every second year (e.g., April 2013, 2015, 2017, 2019...) and groundwater analyzed for the General Minerals: MBAS, Zinc, Alkalinity, Calcium Manganese, Potassium, Sodium, Chloride, Fluoride, Sulfate, Copper, Iron, Magnesium, and VOCs per method EPA 8260B.

Bold value: indicates a value that exceeds the Secondary Maximum Contaminant Level

Italic value: indicates a dissolved value

[a] California Secondary Maximum Contaminant Level

[b] California-Recommended Secondary Maximum Contaminant Level

VVWRA Ground Water Monitoring
Metal Results in Groundwater
Spring 2015

Well	Date Sampled	Copper		Iron		Manganese		Zinc	
		Total	Dis-solved	Total	Dis-solved	Total	Dis-solved	Total	Dis-solved
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
California Secondary MCL [1]		*1*	*1*	*0.3*	*0.3*	*0.05*	*0.05*	*5*	*5*
LW-1	4/29/2015	<0.010	<0.010	**22**	<0.020	<0.010	<0.010	<0.010	<0.010
LW-2	4/27/2015	<0.010	<0.010	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010
LW-3	4/27/2015	<0.010	<0.010	<0.020	<0.020	**0.32**	<0.010	<0.010	<0.010
LW-4	4/27/2015	<0.010	<0.010	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010
NW-1	4/27/2015	0.014	<0.010	**15**	<0.020	**0.82**	**1.1**	0.032	<0.010
NW-2	4/29/2015	<0.010	<0.010	0.03	<0.020	**0.18**	**0.24**	<0.010	<0.010
NW-3	4/29/2015	<0.010	<0.010	0.16	<0.020	**0.52**	**0.65**	<0.010	<0.010
OW-1	4/29/2015	<0.010	<0.010	**0.82**	<0.020	**1.6**	**1.6**	<0.010	<0.010
OW-2	4/28/2015	<0.010	<0.010	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010
OW-3	4/29/2015	<0.010	<0.010	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010
OW-4	4/27/2015	<0.010	<0.010	0.068	<0.020	<0.010	<0.010	<0.010	<0.010
OW-6	4/29/2015	<0.010	<0.010	0.26	<0.020	**0.06**	**0.067**	<0.010	<0.010
SP-1	4/29/2015	<0.010	<0.010	0.024	<0.020	<0.010	<0.010	<0.010	<0.010
SP-2	4/28/2015	<0.010	<0.010	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010
SP-3	4/28/2015	<0.010	<0.010	0.074	<0.020	<0.010	<0.010	<0.010	<0.010
SP-4	4/28/2015	0.011	<0.010	**6**	<0.020	**0.099**	<0.010	0.018	<0.010

Note: The WDRs (2012) require the 16 network wells listed above to be sampled every second year (e.g., April 2013, 2015, 2017, 2019...) and groundwater analyzed for the General Minerals: MBAS, Zinc, Alkalinity, Calcium Manganese, Potassium, Sodium, Chloride, Floride, Sulfate, Copper, Iron, Magnesium, and VOCs per method EPA 8260B.

Bold value: indicates a value that exceeds the Public Health Goal

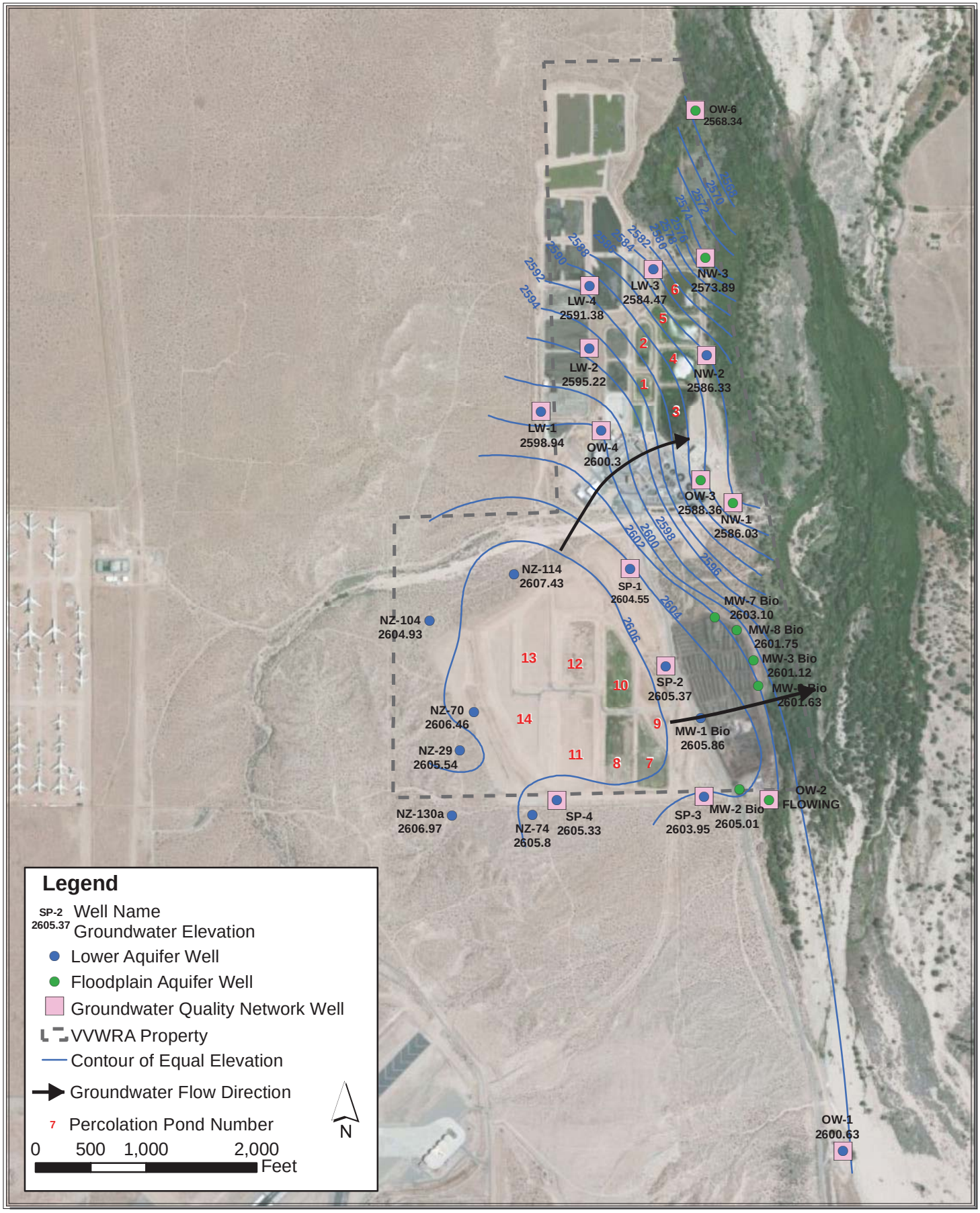
1. California Secondary Maximum Contaminant Level

VVWRA Ground Water Monitoring

Volatile Organic Compound Results in Groundwater Spring 2015

Well	Date Sampled	Chloroform	Trichloroethene	Other VOC's
		ug/L	ug/L	ug/L
Calfornia Primary Maximum Contaninant level		80	5	
LW-1	4/29/2015	<0.50	<0.50	<0.50
LW-2	4/27/2015	<0.50	<0.50	<0.50
LW-3	4/27/2015	<0.50	<0.50	<0.50
LW-4	4/27/2015	1	<0.50	<0.50
NW-1	4/27/2015	<0.50	<0.50	<0.50
NW-2	4/29/2015	<0.50	<0.50	<0.50
NW-3	4/29/2015	<0.50	<0.50	<0.50
OW-1	4/29/2015	<0.50	<0.50	<0.50
OW-2	4/28/2015	<0.50	<0.50	<0.50
OW-3	4/29/2015	<0.50	<0.50	<0.50
OW-4	4/27/2015	<0.50	<0.50	<0.50
OW-6	4/29/2015	<0.50	1.4	<0.50
SP-1	4/29/2015	<0.50	<0.50	<0.50
SP-2	4/28/2015	<0.50	<0.50	<0.50
SP-3	4/28/2015	<0.50	<0.50	<0.50
SP-4	4/28/2015	<0.50	<0.50	<0.50

Note: The WDRs (2012) require the 16 network wells listed above to be sampled every second year (e.g., April 2013, 2015, 2017, 2019...) and groundwater analyzed for the General Minerals: MBAS, Zinc, Alkalinity, Calcium Manganese, Potassium, Sodium, Chloride, Floride, Sulfate, Copper, Iron, Magnesium, and VOCs per method EPA 8260B.



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Contours of Equal Groundwater Elevation
Spring 2015

VVWRA Ground Water Monitoring

Nitrate and TDS Results in Groundwater
Fall 2015

Well ID	Date	Ammonia-Nitrogen	Kjeldahl Nitrogen	Nitrate as N	Nitrite as N	Total Nitrogen	Total Dissolved Solids
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Water Quality Objective		*N/A*	*N/A*	*10*	*N/A*	*N/A*	*500*
Wells Required by WDRs							
LW-1	10/7/2015	<0.10	<0.20	8.0	<0.10	8.0	420
LW-2	10/6/2015	<0.10	<0.20	8.8	<0.10	8.8	460
LW-3	10/6/2015	<0.10	<0.20	9.3	<0.10	9.3	450
LW-4	10/6/2015	<0.10	<0.20	8.2	<0.10	8.2	440
NW-1	10/6/2015	<0.10	0.31	<0.20	<0.10	0.3	350
NW-2	10/8/2015	<0.10	0.2	6	<0.10	6.2	440
NW-3	10/8/2015	<0.10	1.7	1.1	<0.10	2.8	440
OW-1	10/7/2015	<0.10	0.7	<0.20	<0.10	0.7	**700**
OW-2	10/7/2015	<0.10	<0.10	7.8	<0.10	7.8	330
OW-3	10/8/2015	<0.10	<0.10	10	<0.10	10	**570**
OW-3 DUP	10/8/2015	<0.10	<0.20	10	<0.10	10	450
OW-4	10/6/2015	<0.10	<0.20	7.8	<0.10	7.8	400
OW-6	10/8/2015	<0.10	<0.10	2.5	<0.10	2.5	380
SP-1	10/7/2015	<0.10	<0.20	9.6	<0.10	9.6	370
SP-2	10/7/2015	<0.10	<0.20	9.9	<0.10	9.9	400
SP-3	10/7/2015	<0.10	<0.20	7.8	<0.10	7.8	340
SP-4	10/7/2015	<0.10	<0.20	10	<0.10	10	420
SP-4 DUP	10/7/2015	<0.10	<0.20	10	<100	<100	420

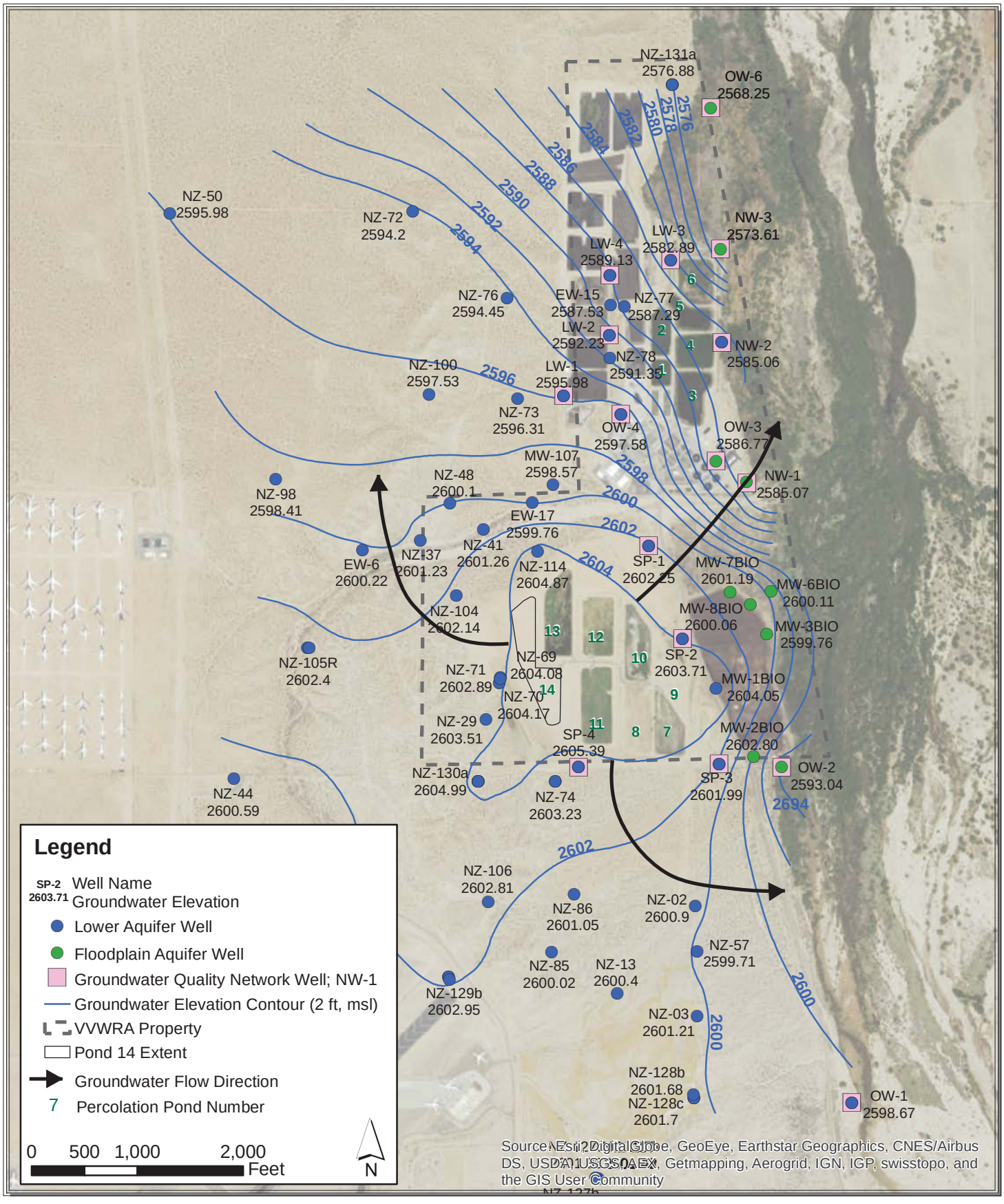

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Figure 3-1
Contours of Equal Groundwater Elevation
Fall 2015

SECTION 8

2015

SURFACE WATER MONITORING

VVWRA

Surface Water Monitoring

Quarterly

2015

UPSTREAM

Sample Date	Dissolved Oxygen (mg/L)	pH (pH units)	Residual Chlorine (mg/L)	Turbidity (NTU)	Temperature (C)	Total Coliform MPN/100mL	Hardness (mg/L)	Total Dissolved Solids (mg/L)	Nitrite Nitrogen (mg/L as N)	Nitrate Nitrogen (mg/L as N)	Kjeldahl Nitrogen (mg/L)	Ammonia Nitrogen (mg/L)
1/13/2015	9.4	7.8	<0.010	0.655	10.7	55.0	210.0	388.0	<0.10	<0.20	0.25	<0.10
4/7/2015	8.7	7.9	0.018	1.03	14.5	650.0	210.0	450.0	<0.10	<0.20	0.1	<0.10
7/15/2015	4.9	7.6	0.053	2.09	21.3	- - -	210.0	420.0	<0.10	0.26	0.53	<0.10
7/27/2015			0.06			650.0						
8/3/2015	5.6	7.6	0.044	2.4	21							
10/6/2015	7.6	7.8	0.45	- - -	17.1	400.0	220.0	460.0	<0.10	<0.20	0.21	<0.10

DOWNSTREAM

Sample Date	Dissolved Oxygen (mg/L)	pH (pH units)	Residual Chlorine (mg/L)	Turbidity (NTU)	Temperature (C)	Total Coliform MPN/100mL	Hardness (mg/L)	Total Dissolved Solids (mg/L)	Nitrite Nitrogen (mg/L as N)	Nitrate Nitrogen (mg/L)	Kjeldahl Nitrogen (mg/L)	Ammonia Nitrogen (mg/L)
1/13/2015	7.1	7.51	0.2	1.8	13.4	85.0	110.0	470.0	<0.10	4.1	0.57	<0.10
4/7/2015	7.5	7.6	<0.010	2.31	14.5	2500.0	110.0	420.0	<0.10	3.8	0.28	<0.10
7/15/2015	5.7	7.28	0.021	2.64	19.3	- - -	110.0	380.0	<0.10	3.4	0.61	<0.10
7/27/2015			0.02			1100.0						
8/3/2015	5.5	7.34	0.016	2.12	20.5							
10/6/2015	6.5	7.27	0.011	- - -	19	1100.0	92.0	400.0	<0.10	3.8	0.42	<0.10

SECTION 9

2015

AQUATIC TOXICITY MONITORING

VVWRA
Aquatic Toxicity Monitoring
Quarterly - Annual
2015

FINAL EFFLUENT

	Quarterly		Annual				Annual			
	96 Hour Acute Fathead Minnow		*Chronic Ceriodaphnia*				*Chronic Fathead Larvae*			
			Survival		Reproduction		Survival		Teratogenicity	
Sample Date	Survival - LC50	TU a	NOEC	TU c	NOEC	TU c	NOEC	TU c	NOEC	TU c
01/13/15	100 %	0.00								
04/07/15	100 %	0.00								
07/13/15	-	-	100 %	1.00	100 %	1.00	100 %	1.00	100%	1.00
07/15/15	98 %	0.18								
10/06/15	98 %	0.18								

	Annual				Annual			
	Chronic Ceriodaphnia				*Chronic Fathead Larvae*			
	Survival		Reproduction		Survival		Reproduction	
Sample Location/Date	NOEC	TU c	NOEC	TU c	NOEC	TU c	NOEC	TU c
Upstream 07/13/15	100.00%	1.00	100.00%	1.00	100.00%	1.00	100.00%	1.00
Downstream 07/13/15	100.00%	1.00	100.00%	1.00	100.00%	1.00	100.00%	1.00

SECTION 10

2015

DISCHARGE MONITORING REPORT

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

NAME VICTOR VALLEY WWRA
ADDRESS 20111 SHAY ROAD
VICTORVILLE CA 92394-8539

FACILITY VICTOR VALLEY REGIONAL WWTP
LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

	YEAR	MO	DAY		YEAR	MO	DAY
FROM	15	01	01	TO	15	12	31

DMR Mailing ZIP CODE: 92345
MAJOR $
(SUBR 06)
DISCHARGE 001 / Yearly
External Outfall

Form Approved.
OMB No. 2040-0004

☐ Check here if No Discharge

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING AVERAGE	QUANTITY OR LOADING MAXIMUM	QUANTITY OR LOADING UNITS	QUALITY OR CONCENTRATION MINIMUM	QUALITY OR CONCENTRATION AVERAGE	QUALITY OR CONCENTRATION MAXIMUM	QUALITY OR CONCENTRATION UNITS	NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
ARSENIC, TOTAL RECOVERABLE 00978 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<5.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
SELENIUM, TOTAL RECOVERABLE 00981 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<5.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
THALLIUM, TOTAL RECOVERABLE 00982 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<200.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
BERYLLIUM, TOTAL RECOVERABLE (AS BE) 00998 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
CHROMIUM, HEXAVALENT (AS CR) 01032 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<1.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
CHROMIUM, TRIVALENT (AS CR) 01033 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<20.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
NICKEL TOTAL RECOVERABLE 01074 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<20.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

LOGAN R. OLDS
GENERAL MANAGER
Gilbert Perea (signature)
TYPED OR PRINTED

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

(signature) for L.O.
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
760	246-8638	16	01	28
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

NAME VICTOR VALLEY WWRA
ADDRESS 20111 SHAY ROAD
VICTORVILLE CA 92394-8539

FACILITY VICTOR VALLEY REGIONAL WWTP
LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	15	01	01	TO	15	12	31

DMR Mailing ZIP CODE: 92345
MAJOR $
(SUBR 06)
DISCHARGE 001 / Yearly
External Outfall

Form Approved.
OMB No. 2040-0004

☐ Check here if No Discharge

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
SILVER TOTAL RECOVERABLE 01079 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
CADMIUM TOTAL RECOVERABLE 01113 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<2.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
LEAD TOTAL RECOVERABLE 01114 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
ANTIMONY, TOTAL RECOVERABLE 01268 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
2-METHYL-4,6-DINITROPHENOL 03615 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<50.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
CARBON TETRACHLORIDE 32102 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
1,2-DICHLOROETHANE 32103 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Gilbert Rivera	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	Gilbert Rivera for L.O.	760	246-8638	16	01	28
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

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ADDRESS 20111 SHAY ROAD
VICTORVILLE CA 92394-8539

FACILITY VICTOR VALLEY REGIONAL WWTP
LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BROMOFORM 32104 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	0.50	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
CHLOROFORM 32106 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
TOLUENE 34010 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
BENZENE 34030 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
delta - BHC 34198 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
ACENAPHTHYLENE 34200 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
ACENAPHTHENE 34205 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Gilbert Perez	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	for L.O.	760	246-8638	16	02	01
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

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LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ACROLEIN 34210 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
ACRYLONITRILE 34215 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
ANTHRACENE 34220 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
BENZO(B)FLUORANTHENE 34230 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
BENZO(K)FLUORANTHENE 34242 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
BENZO(A)PYRENE 34247 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
BIS (2-CHLOROETHYL) ETHER 34273 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

LOGAN R. OLDS
GENERAL MANAGER
Gilbert Perez

TYPED OR PRINTED

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Signed for G.P.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
760	246-8638	16	01	28
AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

NAME VICTOR VALLEY WWRA
ADDRESS 20111 SHAY ROAD
VICTORVILLE CA 92394-8539

FACILITY VICTOR VALLEY REGIONAL WWTP
LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
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DMR Mailing ZIP CODE: 92345
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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BIS (2-CHLOROETHOXY) METHANE 34278 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
BIS (2-CHLORO-ISOPROPYL) ETHER 34283 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
BUTYL BENZYL PHTHALATE 34292 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
CHLOROBENZENE 34301 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
CHRYSENE 34320 1 0 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
DIETHYL PHTHALATE 34336 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
DIMETHYL PHTHALATE 34341 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Gilbert Perez	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	Signature for L.O.	760	246-8638	16	01	28
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

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VICTORVILLE CA 92394-8539

FACILITY VICTOR VALLEY REGIONAL WWTP
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ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
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DMR Mailing ZIP CODE: 92345
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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
1,2-DIPHENYL-HYDRAZINE 34346 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
ENDOSULFAN SULFATE 34351 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
beta - ENDOSULFAN 34356 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
alpha - ENDOSULFAN 34361 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
ENDRIN ALDEHYDE 34366 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
ETHYLBENZENE 34371 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.50	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
FLUORANTHENE 34376 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

LOGAN R. OLDS
GENERAL MANAGER
Gilbert Perez

TYPED OR PRINTED

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Gilbert Perez for L.O.

SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
760	246-8638	16	01	28
AREA CODE	NUMBER	YEAR	MO	DAY

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ATTN MR. LOGAN R. OLDS

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
FLUORENE 34381 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
HEXACHLOROCYCLO-PENTADIENE 34386 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<50.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
HEXACHLOROBUTADIENE 34391 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
HEXACHLOROETHANE 34396 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
INDENO (1,2,3-CD) PYRENE 34403 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
ISOPHORONE 34408 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
METHYL BROMIDE 34413 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.50	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Ceilbert Perez	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	for L.O.	760	246-8638	16	01	28
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
METHYL CHLORIDE (Chloromethane) 34418 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
METHYLENE CHLORIDE 34423 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<3.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
N-NITROSODI-N-PROPYLAMINE 34428 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
N-NITROSODIPHENYL-AMINE 34433 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
N-NITROSODIMETHYL-AMINE 34438 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
NITROBENZENE 34447 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
PHENANTHRENE 34461 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Gilbert Perez	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	Signature Perez for L.O.	760	246-8638	16	01	28
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

NAME VICTOR VALLEY WWRA
ADDRESS 20111 SHAY ROAD
VICTORVILLE CA 92394-8539

FACILITY VICTOR VALLEY REGIONAL WWTP
LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	15	01	01	TO	15	12	31

DMR Mailing ZIP CODE: 92345
MAJOR $
(SUBR 06)
DISCHARGE 001 / Yearly
External Outfall

Form Approved.
OMB No. 2040-0004

☐ Check here if No Discharge

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PYRENE 34469 1 0 EFFLUENT GROSS0	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
TETRACHLOROETHYLENE 34475 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.50	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
1,1-DICHLOROETHANE 34496 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.50	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
1,1-DICHLOROETHYLENE 34501 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.50	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
1,1,1-TRICHLORO-ETHANE 34506 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.50	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
1,1,2-TRICHLOROETHANE 34511 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.50	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
1,1,2,2-TETRACHLOROETHANE 34516 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.50	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Coilbert Perez	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	Ernest Perez for L.O.	760	246-8638	16	01	28
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

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LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
BENZO(GHI)PERYLENE 34521 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
BENZO(A)ANTHRACENE 34526 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
1,2-DICHLOROBENZENE 34536 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
1,2-DICHLOROPROPANE 34541 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
1,2-TRANS-DICHLOROETHYLENE 34546 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
1,2,4-TRICHLOROBENZENE 34551 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
1,3-DICHLOROBENZENE 34566 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

LOGAN R. OLDS
GENERAL MANAGER
Gilbert Perez
TYPED OR PRINTED

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

Gilbert Perez for L.O
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE		DATE		
760	246-8638	16	01	28
AREA CODE	NUMBER	YEAR	MO	DAY

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LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
1,4-DICHLOROBENZENE 34571 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
2-CHLOROETHYL VINYL ETHER (MIXED) 34576 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<5.00	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
2-CHLORONAPHTHALENE 34581 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
2-CHLOROPHENOL 34586 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
2-NITROPHENOL 34591 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
DI-N-OCTYL PHTHALATE 34596 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
2,4-DICHLOROPHENOL 34601 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Gilbert Perez	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	Gilbert Perez for L.O.	760	246-8638	16	01	28
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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VICTORVILLE CA 92394-8539

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LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
PERMIT NUMBER	DISCHARGE NUMBER

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
2,4-DIMETHYLPHENOL 34606 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
2,4-DINITROTOLUENE 34611 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
2,4-DINITROPHENOL 34616 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<50.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
2,4,6-TRICHLOROPHENOL 34621 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
2,6-DINITROTOLUENE 34626 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
3,3'-DICHLOROBENZIDINE 34631 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<20.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
4-BROMOPHENYL PHENYL ETHER 34636 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
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TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
4-CHLOROPHENYL PHENYL ETHER 34641 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	****	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
4-NITROPHENOL 34646 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****	******	******	<50.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	****	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
PCB-1016 (AROCHLOR 1016) 34671 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****	******	******	<50.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	****	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
2,3,7,8 TETRACHLORO-DIBENZO-P-DIOXIN 34675 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****	******	******	<0.05	(28)	0	1/YR	GRAB
	PERMIT REQUIREMENT	******	******	****	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
PHENOL, SINGLE COMPOUND 34694 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****	******	******	<10.00	(28)	0	8/YR	GRAB
	PERMIT REQUIREMENT	******	******	****	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
NAPHTHALENE 34696 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****	******	******	<10.000	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	****	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
PENTACHLOROPHENOL 39032 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****	******	******	<50.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	****	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB

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		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
DI-N-BUTYL PHTHALATE 39110 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
BENZIDINE 39120 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<50.0000	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
VINYL CHLORIDE 39175 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.5000	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
TRICHLOROETHYLENE 39180 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<0.50	(28) UG/L	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
4,4' - DDT 39300 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
4,4' - DDD 39310 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
4,4' - DDE 39320 1 0 EFFLUENT GROSS0	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.0000	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Cailmet Pieren	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	Signet Reuer for L.O.	760	246-8638	16	01	28
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

NAME VICTOR VALLEY WWRA
ADDRESS 20111 SHAY ROAD
VICTORVILLE CA 92394-8539

FACILITY VICTOR VALLEY REGIONAL WWTP
LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	15	01	01	TO	15	12	31

DMR Mailing ZIP CODE: 92345
MAJOR $
(SUBR 06)
DISCHARGE 001 / Yearly
External Outfall

Form Approved.
OMB No. 2040-0004

☐ Check here if No Discharge

NOTE: Read instructions before completing this form.

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
ALDRIN 39330 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
alpha - BHC 39336 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
beta - BHC 39338 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
gamma - BHC 39344 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
CHLORDANE (TECH MIX. AND METABOLITES) 39350 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
DIELDRIN 39380 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
ENDRIN 39390 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Gilbert Perez	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	Gilbert Perez for L.O.	760	246-8638	16	01	28
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

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FACILITY VICTOR VALLEY REGIONAL WWTP
LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	15	01	01	TO	15	12	31

DMR Mailing ZIP CODE: 92345
MAJOR $
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Form Approved.
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PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
TOXAPHENE 39400 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<50.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
HEPTACHLOR 39410 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
HEPTACHLOR EPOXIDE 39420 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<10.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
PCB-1221 39488 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<50.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
PCB-1232 39492 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<50.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
PCB-1242 39496 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<50.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB
PCB-1248 39500 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	****** ******	******	******	<50.00	(28) UG/L	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******		******	******	REPORT DAILY MX			ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

LOGAN R. OLDS
GENERAL MANAGER
Gilbert Plever
TYPED OR PRINTED

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

Signature Pleven for L.O.
SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT

TELEPHONE

AREA CODE	NUMBER
760	246-8638

DATE

YEAR	MO	DAY
16	01	28

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

PERMITTEE NAME/ADDRESS *(Include Facility Name/Location if different)*

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ADDRESS 20111 SHAY ROAD
VICTORVILLE CA 92394-8539

FACILITY VICTOR VALLEY REGIONAL WWTP
LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	15	01	01	TO	15	12	31

DMR Mailing ZIP CODE: 92345
MAJOR $
(SUBR 06)
DISCHARGE 001 / Yearly
External Outfall

Form Approved.
OMB No. 2040-0004

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PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
PCB-1254 39504 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<50.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
PCB-1260 39508 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<50.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
HEXACHLOROBENZENE 39700 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<10.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
4-CHLORO-3-METHYLPHENOL 70012 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<20.00	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
MERCURY TOTAL RECOVERABLE 71901 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.20	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
COLIFORM, FECAL GENERAL 74055 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	8.0	(30)	0	356/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	20 30DA GEO	MPN/ 100ML		SEE PERMIT	GRAB
1,3-DICHLOROPROPENE 77163 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	1/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Gilbert Perez	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	Gilbert Perez for L.O.	760	246-8638	16	01	28
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

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LOCATION VICTORVILLE CA 92394
ATTN MR. LOGAN R. OLDS

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM *(NPDES)*
DISCHARGE MONITORING REPORT *(DMR)*

CA0102822	001 Y
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD	YEAR	MO	DAY		YEAR	MO	DAY
FROM	15	01	01	TO	15	12	31

DMR Mailing ZIP CODE: 92345
MAJOR $
(SUBR 06)
DISCHARGE 001 / Yearly
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PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION				NO. EX	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		AVERAGE	MAXIMUM	UNITS	MINIMUM	AVERAGE	MAXIMUM	UNITS			
CHLOROETHANE 85811 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	<0.50	(28)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
Static Renewal 7-Day Chronic Ceriodaphnia dubia TTP3B 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	1.00	(2G)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	tox chronic		ANNUAL	GRAB
Static Renewal 7-Day Chronic Pimphales promelas TTP6C 1 0 EFFLUENT GROSS	SAMPLE MEASUREMENT	******	******	******	******	******	1.00	(2G)	0	2/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	tox chronic		ANNUAL	GRAB
DIBENZO (A,H) ANTHRACENE 34556 1 0 0 EFFLUENT GROSS VALUE	SAMPLE MEASUREMENT	******	******	******	******	******	<10.0000	(28)	0	6/YR	GRAB
	PERMIT REQUIREMENT	******	******	******	******	******	REPORT DAILY MX	UG/L		ANNUAL	GRAB
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										
	SAMPLE MEASUREMENT										
	PERMIT REQUIREMENT										

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER			TELEPHONE		DATE		
LOGAN R. OLDS GENERAL MANAGER Gilbert Perez	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment for knowing violations.	Gilbert Perez for L.O.	760	246-8638	16	02	01
TYPED OR PRINTED		SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	AREA CODE	NUMBER	YEAR	MO	DAY

COMMENTS AND EXPLANATION OF ANY VIOLATIONS ***(Reference all attachments here)***

SECTION 11

2015

ANNUAL
RECYCLED WATER
MONITORING REPORT

Victor Valley Wastewater Reclamation Authority
A joint Powers Authority and Public Agency of the State of California

15776 Main Street, Suite 3 • Hesperia California 92345
Telephone (760) 948-9849 • Fax (760) 948-9897
E-mail: mail@vvwra.com

February 1, 2016

Ms. Patty Z. Kouyoumdjian, Executive Officer
Lahontan Regional Water Quality Control Board
14440 Civic Drive, Suite 200
Victorville, CA 92392

RE: Annual Recycled Water Monitoring Report for Calendar Year 2015
Water Recycling Requirements for the Westwinds Golf Course at SCLA
Board Order No. RV6-2013-0038, RWQCB WDID No. 6B360207001

Dear Ms. Patty Z. Kouyoumdjian :

Enclosed please find the 2015 Annual SCLA Recycled Water Monitoring Report for the Victor Valley Wastewater Reclamation Authority. This report includes narrative and tabular data of operational parameters reported during calendar year 2015, as well as the results of annual testing required by the Waste Discharge Requirements.

During 2015 a total of 214.66 million gallons (659.01 acre-feet) of recycled water were delivered to the Westwinds golf course storage pond and American Organics. The recycled water was pumped into a storage pond at Westwinds for use at the High Desert Power Plant. Samples were collected quarterly from the storage pond and analyzed for total dissolved solids. Pond freeboard was measured and reported at least weekly.

Monthly static water elevations were collected at upgradient monitoring well NZ-119, downgradient monitoring wells NZ-91 and NZ-123, and storage pond monitoring well NZ-120. Groundwater samples were collected and analyzed for the required parameters during April and October.

Recycled water has been pumped to the SCLA pond using two 250-HP 4-stage pumps with variable frequency drive (VFD) units and fully-automated controls.

If you should have any further questions, please feel free to contact me at your convenience.

Sincerely,

Logan Olds
General Manager

Attachments

cc: SWRCB Discharge Monitoring Report Processing Center
Doug Robertson, City Manager, City of Victorville
Gilbert Perez, Director of Operations
Lorenzo Rodriguez, Laboratory-Pretreatment & Regulatory Compliance Supervisor
Operations/Control Room Posting

Date **February 1, 2016**

California Regional Water Quality Control Board
Lahontan Region
14440 Civic Drive, Suite 200
Victorville, CA 92392

Facility Name: **Victor Valley Wastewater Reclamation Authority**

Address: **20151 Shay Road**
Victorville, CA 92394

Contact Person: **Logan Olds**

Job Title: **General Manager**

Phone: **(760) 246-8638**

Email: lolds@vvwra.com

WDR/NPDES Order Number: **R6V-2015-0038 (SCLA Reclamation)**

WDID Number: **6B360207001**

Type of Report (circle one): **Monthly Quarterly Semi-Annual Annual Other**

Month(s) (circle applicable month(s)*: **JAN FEB MAR APR MAY JUN**
JUL AUG SEP OCT NOV DEC
***annual Reports** (circle the first month of the reporting period)

Year: **2015**

Violation(s)? (Please check one): x **NO** **YES***

***If YES is marked complete a-g (Attach Additional information as necessary)**

a) Brief Description of Violation:

b) Section(s) of WDRs/NPDES Permit Violated:

c) Reported Value(s) or Volume:

d) WDRs/NPDES Limit/Condition:

e) Date(s) and Duration of Violation(s):

f) Explanation of Cause(s):

g) Corrective Action(s)
(Specify actions taken and a schedule for actions to be taken):

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

If you have any questions or require additional information, please contact Logan Olds or Gilbert Perez at the number provided above.

Sincerely,

Signature: _____

Name: Logan Olds for

Title: General Manager

WESTWINDS GOLF COURSE
Recycled Water Monitoring Schedule
2015

Parameter	Station	Units	Type of Sample	Frequency
Flow	UV Effluent Station	mgd	continuous	continuous
Turbidity	UV Effluent Station	NTU	continuous	continuous
Total Coliform	UV Effluent Station	MPN/100 mL	Grab	Daily
pH	UV Effluent Station	pH Units	Grab	Daily
Dissolved Oxygen	UV Effluent Station	mg/L	Grab	Weekly
Total Dissolved Solids (TDS)	Storage Pond	mg/L	Grab	Quarterly

WESTWINDS GOLF COURSE

2015

JANUARY

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1		0.846	<2.00	6.94		
2		0.84	<2.00	7.02		
3		1.18	<2.00	6.93		
4	0	1.12	<2.00	6.99		
5		1.24	<2.00	7.06		
6	0.98	1.32	2	7	7.71	
7	1.41	1.43	<2.00	6.98		
8	0.83	1.42	<2.00	7.04		
9	0.08	1.42	<2.00	7		
10		1.5	<2.00	7.05		
11		1.51	<2.00	7.06		
12	0.02	1.08	<2.00	7.05		
13	0.05	0.922	<2.00	7	6.87	444
14		0.96	<2.00	7		
15		0.76	<2.00	6.93		
16	0.02	1.19				
17		0.797	<2.00	6.92		
18		0.96	<2.00	6.98		
19	0.02	0.783	<2.00	6.94		
20	0.15	0.73	<2.00	7	7.19	
21	1.52	0.651	<2.00	7.06		
22	1.25	0.618	<2.00	7.03		
23	1.95	0.879	<2.00	7.02		
24	1.66	1.07	<2.00	6.93		
25	1.7	0.842	2	7		
26	1.1	0.755	<2.00	7.01		
27	0.63	0.876	<2.00	6.96	7.57	
28	0.47	0.876	<2.00	6.94		
29	1.13	0.803	<2.00	6.95		
30	1.33	0.801	<2.00	6.95		
31		1.25	2	7.05		
TOTAL	16.29					
AVG	0.81	1.01			7.34	
MIN	0	0.618	<2.00	6.92	6.87	
MAX	1.95	1.51	2	7.06	7.71	

WESTWINDS GOLF COURSE

2015

FEBRUARY

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	0.63	0.852	<2.00	6.98		
2	0.75	0.962	<2.00	7		
3	1.52	0.84	<2.00	6.99	7.29	
4	1.29	0.66	<2.00	7.01		
5	0.91	0.851	2	6.98		
6	0.46	0.865	<2.00	6.97		
7	0.92	0.936	<2.00	6.96		
8	0.54	1.04	<2.00	7.05		
9	1.34	0.967	<2.00	7.06		
10	1.02	1.11	<2.00	6.95		
11	1.15	1.42	<2.00	7.04		
12	1.07	1.3	280	6.94	7.61	
13	0.02	1.3	2	6.95		
14	0	1.17	<2.00	7		
15	0	0.992	2	7.02		
16	0	0.952	2	6.99		
17	0	1	<2.00	7.03	7.03	
18	0.05	1.01	<2.00	6.96		
19	0.12	1.01	2	6.94		
20	0.03	1.1	<2.00	6.79		
21	0	0.86	2	6.89		
22	0	0.756	<2.00	6.94		
23	0.02	0.87	<2.00	7.14		
24	0	0.92	<2.00	6.98	7.4	
25	0.01	1.14	<2.00	6.88		
26	0.02	1.09	<2.00	6.92		
27	0	0.956	<2.00	6.91		
28	0	1.12	<2.00	7		
TOTAL	11.88					
AVG	0.42	1.00			7.33	
MIN	0	0.66	<2.00	6.79	7.03	
MAX	1.52	1.42	280	7.14	7.61	

WESTWINDS GOLF COURSE

2015

MARCH

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	0	1.03	<2.00	6.94		
2	0.03	1.2	2	7.13		
3	1.12	1.27	<2.00	7.08	7.4	
4	0.68	1.19	4	6.99		
5	0.2	1.03	<2.00	7.02		
6	0.2	0.878	<2.00	7.03		
7	0.11	1.02	<2.00	7.11		
8	0	1.1	<2.00	7.17		
9	0.03	0.898	2	7.14		
10	0.65	0.719	<2.00	7.16		
11	0.72	0.722	<2.00	7.22		
12	0.23	0.873	<2.00	7.21	7.16	
13	0	0.939				
14	0	0.83				
15	0	0.68				
16	0	0.704				
17	0	0.654				
18	0	0.624				
19	0	0.671				
20	0	0.669				
21	0	0.654	8	7.24		
22	0	0.66	<2.00	7.12		
23	0.77	0.735	<2.00	7.02		
24	1.6	0.74	<2.00	7.08	7.25	
25	1.15	0.849	<2.00	7.04		
26	1.15	0.725	<2.00	7.13		
27	0.04	0.769	<2.00	7		
28	0.03	0.79	<2.00	7.17		
29	0	0.895	<2.00	7.14		
30	0.03	0.849	<2.00	7.09	7.17	
31	0.06	0.9	<2.00	7.09		
TOTAL	8.78					
AVG	0.28	0.847			7.25	
MIN	0	0.624	<2.00	6.94	7.16	
MAX	1.6	1.27	8	7.24	7.4	

WESTWINDS GOLF COURSE

2015

APRIL

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	0.03	0.969	<2.00	7.03		
2	0.06	1.14	<2.00	6.98		
3	0.06	1.01	<2.00	7.02		
4	0.08	1.22	<2.00	7.06		
5	0	1.06	<2.00	7.15		
6	0.14	0.924	<2.00	7		
7	0.07	0.754	<2.00	7.06	7.22	350
8	0.16	0.814	<2.00	7.02		
9	0.11	0.803	<2.00	7.06		
10	0.05	0.776	<2.00	7.11		
11	0.03	0.734	<2.00	7.11		
12	0	0.758	<2.00	7.17		
13	1.59	0.761	<2.00	7.17		
14	0.81	0.582	<2.00	7.15	6.95	
15	0.02	0.634	<2.00	7.07		
16	0.04	0.543	<2.00	7.12		
17	1.06	0.625	<2.00	7		
18	1.27	0.753	<2.00	7.19		
19	1.17	0.75	<2.00	7.19		
20	0.43	0.746	<2.00	7.16		
21	0	0.863	4	7.13	6.61	
22	1.2	1.04	<2.00	7.13		
23	1.29	0.895	<2.00	7.21		
24	0.01	0.548	<2.00	7.14		
25	0.02	0.667	<2.00	7.14		
26	0.02	0.54	<2.00	7.12		
27	0.02	0.508	<2.00	7.08		
28	0.03	0.664	<2.00	7.01	7.01	
29	0.02	0.632	<2.00	7.09		
30	0.23	0.615	<2.00	7.05		
TOTAL	10.01					
AVG	0.33	0.778			6.95	350
MIN	0	0.508	<2.00	6.98	6.61	
MAX	1.59	1.22	4	7.21	7.22	

WESTWINDS GOLF COURSE

2015

MAY

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	0.01	0.791	<2.00	7.11		
2	0	0.76	<2.00	7.03		
3	0.02	0.843	<2.00	7.1		
4	0.03	0.941	<2.00	7.14		
5	0.02	0.715	<2.00	7.11	7	
6	0.02	0.892	<2.00	6.99		
7	0.04	0.883	<2.00	7.1		
8	0.03	0.817	<2.00	6.97		
9	0	0.685	<2.00	6.93		
10	0.01	0.971	<2.00	7.13		
11	0.02	1.18	8	7.06		
12	0.03	1.12	<2.00	7.13	6.65	
13	0.03	1.24	<2.00	7.12		
14	0.01	1.49	8	7.1		
15	0.02	1.29	<2.00	7.03		
16	0	1.6	<2.00	6.99		
17	0	1.37	<2.00	7.01		
18	0	1.23	<2.00	6.99		
19	0.02	1.02	7	7.02	7.05	
20	0	0.752	<2.00	6.97		
21	0.04	0.642	<2.00	7.18		
22	0.02	0.64	<2.00	7		
23	0	0.698	<2.00	6.93		
24	0	0.608	<2.00	7.06		
25	0.02	0.631	<2.00	7.1		
26	0.02	0.598	<2.00	7.09	6.6	
27	0.04	0.916	2	6.97		
28	0.04	0.651	<2.00	7.14		
29	0.01	0.836	<2.00	7.05		
30	0	0.633	<2.00	6.98		
31	0.19	0.629	<2.00	7.11		
TOTAL	0.68					
AVG	0.02	0.906			6.82	
MIN	0	0.598	<2.00	6.93	6.6	
MAX	0.19	1.6	8	7.18	7.05	

WESTWINDS GOLF COURSE

2015

JUNE

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	0.02	0.598	2	7.11		
2	0.03	0.582	<2.00	7.06	6.72	
3	0.04	0.75	<2.00	7.03		
4	0.04	0.745	<2.00	7.04		
5	0.13	0.877	<2.00	7		
6	0	0.898	<2.00	7.06		
7	0.85	0.609	<2.00	7.11		
8	1.16	0.961	2	7.17		
9	0.03	0.75	<2.00	7.17	6.98	
10	0.06	0.707	<2.00	7.1		
11	0.04	0.527	<2.00	7.08		
12	0.05	0.695	<2.00	7.13		
13	0.05	0.685	<2.00	6.98		
14	0	0.73	<2.00	7.18		
15	0.04	0.946	<2.00	7.1		
16	0.02	0.869	<2.00	7.12	6.8	
17	0.06	0.88	<2.00	7.15		
18	0.61	1.13	<2.00	7.12		
19	0.02	0.89	<2.00	7.06		
20	0.18	0.82	2	7.06		
21	0.77	0.85	<2.00	7.19		
22	0.04	1.02	<2.00	7.13		
23	0.95	1.2	2	7.07	6.11	
24	1.64	0.882	<2.00	7.16		
25	2.04	1.07	<2.00	7.14		
26	2.37	0.864	2	7.18		
27	2.03	0.863	<2.00	7.03		
28	2.08	0.612	<2.00	7.06		
29	1.17	0.589	<2.00	7.09		
30	1.23	0.615	<2.00	7.16	6.52	
TOTAL	17.73					
AVG	0.59	0.807			6.63	
MIN	0	0.527	<2.00	6.98	6.11	
MAX	2.37	1.2	2	7.19	6.98	

WESTWINDS GOLF COURSE

2015

JULY

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	1.05	0.597	4	7.18		
2	1.34	0.677	<2.00	7.12		
3	0.8	0.571	<2.00	7.13		
4	1.09	0.596	<2.00	7.1		
5	1.2	0.493	<2.00	7.09		
6	0.86	0.701	<2.00	7.12		
7	0.74	0.631	<2.00	7.14	6.07	
8	0.6	0.552	<2.00	7.15		
9	0.64	0.644	<2.00	7.17		
10	0	0.587	<2.00	7.1		
11	1.23	0.571	<2.00	7.06		
12	1.39	0.753	2	7.08		
13	1.45	0.639	<2.00	7.08		
14	1.37	0.587	<2.00	7.1	6.83	
15	1.18	0.557	<2.00	7.12		370
16	1.42	0.588	<2.00	7.13		
17	0.98	0.549	<2.00	7.04		
18	0.75	0.486	<2.00	7.11		
19	0.55	0.456	<2.00	7.12		
20	0.92	0.58	4	7.03		
21	1	0.526	<2.00	7.06	6.84	
22	1.32	0.561	<2.00	7.11		
23	1.32	0.602	<2.00	7		
24	1	0.577	<2.00	7.08		
25	1.09	0.521	<2.00	6.94		
26	1.2	0.41	<2.00	7.12		
27	1.68	0.78	<2.00	7.12		
28	1.59	0.43	<2.00	7.15	7.24	
29	1.7	0.383	<2.00	7.08		
30	1.64	0.925	<2.00	7.06		
31	1.65	0.56	2	7.07		
TOTAL	34.74					
AVG	1.12	0.584			6.75	370
MIN	0	0.383	<2.00	6.94	6.07	
MAX	1.7	0.925	4	7.18	7.24	

WESTWINDS GOLF COURSE

2015

AUGUST

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	1.58	0.474	<2.00	7.13		
2	1.58	0.524	2	7.1		
3	1.09	0.546	2	7.08		
4	0.85	0.612	<2.00	7.11	6.95	
5	1.07	0.728	<2.00	7.11		
6	1.76	0.704	<2.00	7.04		
7	2	0.808	<2.00	7.17		
8	0.49	1.03	<2.00	7.21		
9	0.49	1.2	<2.00	7.24		
10	1.1	0.663	2	7.16		
11	1.5	0.905	<2.00	7.21	6.61	
12	1.29	0.56	<2.00	7.15		
13	1.25	0.769	<2.00	7.14		
14	1.48	0.66	<2.00	6.99		
15	1.62	0.745	<2.00	7.13		
16	2.14	0.698	<2.00	7.16		
17	1.94	0.771	<2.00	7.16		
18	1.96	0.818	<2.00	6.99	6.53	
19	0.94	0.576	<2.00	7		
20	1.27	0.649	<2.00	6.96		
21	0.9	0.51	<2.00	7.13		
22	0.52	0.68	<2.00	7.1		
23	0.58	0.543	<2.00	7.19		
24	1.59	0.606	<2.00	7.13		
25	1.49	0.582	<2.00	7.19	7	
26	1.6	0.574	<2.00	6.97		
27	2.11	0.873	<2.00	7.09		
28	1.7	0.68	<2.00	7.09		
29	1.73	0.679	<2.00	7.16		
30	1.28	0.762	<2.00	7.13		
31	1.91	0.66	<2.00	7.16		
TOTAL	42.78					
AVG	1.38	0.696			6.77	
MIN	0.49	0.474	<2.00	6.96	6.53	
MAX	2.14	1.200	2	7.24	7	

WESTWINDS GOLF COURSE

2015

SEPTEMBER

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	1.99	0.609	<2.00	7.07	6.55	
2	2.94	0.665	<2.00	7.01		
3	2.48	0.724	<2.00	7.09		
4	1.31	0.839	<2.00	7.05		
5	1.12	0.741	<2.00	7.09		
6	1.31	0.603	2	7.13		
7	1.64	0.605	<2.00	7.13		
8	0.07	0.595	<2.00	7.19	6.52	
9	0.02	0.653	<2.00	7.13		
10	0.02	0.436	<2.00	7.14		
11	0.09	0.461	<2.00	7.15		
12	0.03	0.506	<2.00	7.25		
13	0	0.536	<2.00	7.2		
14	0.02	0.533	<2.00	7.17		
15	0.15	0.667	<2.00	7.2	6.44	
16	0.02	0.657	<2.00	7.18		
17	0.03	0.798	<2.00	7.07		
18	0.04	0.665	<2.00	7.13		
19	0.02	0.702	<2.00	7.12		
20	0	0.697	<2.00	7.11		
21	0.04	0.681	<2.00	7.01		
22	0.03	0.86	<2.00	7.14	6.26	
23	0.02	0.849	2	7.1		
24	0.07	0.735	<2.00	7.16		
25	0.04	0.993	<2.00	7.2		
26	0.02	0.747	<2.00	7.16		
27		0.572	<2.00	7.17		
28	1.47	0.618	<2.00	7.15		
29	0.96	0.468	<2.00	7.09		
30	0.83	0.574	<2.00	7.07		
TOTAL	16.77					
AVG	0.58	0.660			6.44	
MIN	0	0.436	<2.00	7.01	6.26	
MAX	2.94	0.993	2	7.25	6.55	

WESTWINDS GOLF COURSE

2015

OCTOBER

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	0.87	0.539	<2.00	7.17	6.55	
2	1.1	0.764	<2.00	7.03		
3	1.12	0.749	<2.00	7.08		
4	0.88	0.621	<2.00	7.06		
5	1.32	0.56	<2.00	7.08		
6	1.29	0.562	<2.00	7.07	6.84	
7	1.14	0.495	<2.00	7.03		
8	1.05	0.557	<2.00	7.04		
9	1.72	0.451	<2.00	7.07		
10	1.34	0.475	<2.00	7.02		
11	1.13	0.454	<2.00	7.07		
12	1.53	0.593	<2.00	7.15		360
13	1.52	0.579	<2.00	7.03	6.64	
14	0.14	0.703	<2.00	7.05		
15	1.09	0.893	<2.00	7.01		
16	1.41	0.529	<2.00	6.96		
17	1.31	0.485	<2.00	7.02		
18	1.41	0.509	<2.00	7.03		
19	1.17	0.539	<2.00	7.09		
20	1.3	0.738	<2.00	7.11	7.18	
21	1.44	0.685	4	6.94		
22	0.44	0.873	<2.00	7.07		
23	1.2	0.636	<2.00	7.08		
24	0.89	0.624	<2.00	7.1		
25	0.77	0.636	<2.00	7.07		
26	1.4	0.535	<2.00	7.13		
27	1.69	0.617	<2.00	7.07		
28	0.38	0.741	<2.00	7.1		
29	0.39	0.449	<2.00	7.06	7.05	
30	0.57	0.43	<2.00	6.99		
31	0.51	0.469	<2.00	7.1		
TOTAL	33.5					
AVG	1.08	0.596			6.85	360
MIN	0.14	0.43	<2.00	6.94	6.55	
MAX	1.72	0.893	4	7.17	7.18	

WESTWINDS GOLF COURSE

2015

NOVEMBER

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	0.54	0.575	<2.00	7.13		
2	1.03	0.478	<2.00	7.14		
3	0.44	0.451	<2.00	7.15	7.05	
4	0.02	0.477	<2.00	7.05		
5	0.36	0.497	<2.00	7.04		
6	0.37	0.543	<2.00	6.93		
7	0	0.486	<2.00	6.98		
8	0.03	0.47	<2.00	7		
9	0	0.673	<2.00	7.08		
10	0.02	0.608	<2.00	7.14	7.11	
11	0.04	0.596	<2.00	7.01		
12	0.03	0.532	<2.00	7.04		
13	0.02	0.56	<2.00	6.94		
14	0.02	0.519	<2.00	7.03		
15	0	0.542	<2.00	7.05		
16	0	0.562	<2.00	6.98		
17	0.01	0.51	2	6.98	7.79	
18	1.1	0.391	<2.00	6.99		
19	0.02	0.514	<2.00	7		
20	0.25	0.579	<2.00	6.93		
21	0	0.478	<2.00	6.97		
22	0.3	0.69	<2.00	7.02		
23	0.61	0.708	<2.00	6.98		
24	0	0.716	<2.00	7.04	7.62	
25	0.02	0.689	<2.00	6.91		
26	0	0.632	<2.00	6.94		
27	0.05	0.69	<2.00	7.09		
28	0.04	0.659	<2.00	6.99		
29		0.7	<2.00	7		
30	0.03	0.644	<2.00	7		
TOTAL	5.34					
AVG	0.18	0.572			7.39	
MIN	0	0.391	<2.00	6.91	7.05	
MAX	1.1	0.716	2	7.15	7.79	

WESTWINDS GOLF COURSE

2015

DECEMBER

	Continuous		*Daily*		*Weekly*	*Quarterly*
Date	Recycled Flow Flow mgd	Turbidity Turbidity NTU	Total Coliform #/100 ml	pH SU	D.O. MG/L	pond TDS mg/L
1	0.03	0.617	<2.00	6.96	7.61	
2	0	0.691	<2.00	6.83		
3	0.73	0.781	<2.00	6.9		
4	0.33	0.694	<2.00	6.84		
5	0.4	0.674	<2.00	6.91		
6	0.43	0.748	<2.00	6.93		
7	0.97	0.703	<2.00	6.99		
8	0.72	0.685	<2.00	6.89	7.57	
9	0.44	0.698	<2.00	6.85		
10	0.02	0.697	<2.00	6.83		
11	0.05	0.691	<2.00	6.99		
12	0	0.703	<2.00	6.93		
13	0	0.689	<2.00	6.93		
14	0	0.502	<2.00	6.96		
15	0.02	0.444		6.79	6.68	
16	0.56	0.448	<2.00	6.78		
17	0.62	0.626	<2.00	6.82		
18	0.93	0.616	<2.00	6.97		
19	0	0.518	<2.00	6.99		
20	0	0.585	<2.00	7		
21	0.63	0.692	2	7.03		
22	0.34	0.975	<2.00	7.21	6.82	
23	0.49	0.626	<2.00	6.96		
24	0.02	0.581	<2.00	7.11		
25	0	0.58	<2.00	7.14		
26	0	0.627	<2.00	7.01		
27	0.02	0.73	<2.00	7.05		
28	0.64	0.831	<2.00	6.99		
29	0.63	0.714	<2.00	7.05	7.05	
30	0.59	0.746	<2.00	6.99		
31	1	0.867	<2.00	7.34		
TOTAL	10.59					
AVG	0.34	0.670			7.15	
MIN	0	0.444	<2.00	6.78	6.68	
MAX	1	0.975	2	7.34	7.61	

WESTWINDS GOLF COURSE
Groundwater Monitoring Schedule
2015

Parameter	Units	Type of Sample	Frequency	2015 Sample Month(s)
Depth to Groundwater	Feet	Measured	Monthly	N/A
Temperature	Degrees Celsius	Grab	Semiannually	April/October
pH	SU	Grab	Semiannually	April/October
EC	uS/cm	Grab	Semiannually	April/October
Turbidity	NTU	Grab	Semiannually	April/October
DO	mg/L	Grab	Semiannually	April/October
ORP	mV	Grab	Semiannually	April/October
Static Water Level	ft msl	Determination	Semiannually	April/October
Total Dissoled Solids	mg/L	Grab	Semiannually	April/October
Sodium (Na)	mg/L	Grab	Semiannually	April/October
Chloride (Cl)	mg/L	Grab	Semiannually	April/October
Sulfate (SO4)	mg/L	Grab	Semiannually	April/October
Ammonia Nitrogen	mg/L	Grab	Semiannually	April/October
Nitrate Nitrogen	mg/L	Grab	Semiannually	April/October
Nitrite Nitrogen	mg/L	Grab	Semiannually	April/October
Kjeldahl Nitrogen	mg/L	Grab	Semiannually	April/October
Total Nitrogen	mg/L	Grab	Semiannually	April/October
Methylene Blue Active Substances (MBAS)	mg/L	Grab	Semiannually	April/October
Total Organic Carbon	mg/L	Grab	Semiannually	April/October
THMs	ug/L	Grab	Semiannually	April/October
Direction of Gradient	N/A	Determination	Semiannually	April/October
Alkalinity (Alk)	mg/L	Grab	Annually	April
Hardness	mg/L	Grab	Annually	April
Calcium (Ca)	mg/L	Grab	Annually	April
Potassium (K)	mg/L	Grab	Annually	April
Magnesium (Mg)	mg/L	Grab	Annually	April
Copper (Cu)	mg/L	Grab	Annually	April
Iron (Fe)	mg/L	Grab	Annually	April
Manganese (Mn)	mg/L	Grab	Annually	April
Zinc (Zn)	mg/L	Grab	Annually	April

WESTWINDS GOLF COURSE

Recycled Water Flow Report

2015

	January		February		March		April		May		June	
	Pond Level	Pond	Pond Level	Pond	Pond Level	Pond	Pond Level	Pond	Pond Level	Pond	Pond Level	Pond
Date	ft msl	Freeboard	ft msl	Freeboard	ft msl	Freeboard	ft msl	Freeboard	ft msl	Freeboard	ft msl	Freeboard
1	5.5	2.5	4.9	3.1	5.5	2.5	5.6	2.4	5.5	2.5	4.4	3.6
2	5.5	2.5	4.2	3.8	5.5	2.5	5.7	2.3	5.5	2.5	4.4	3.6
3	5.5	2.5	2.5	5.5	4.7	3.3	4.9	3.1	5.5	2.5	4.3	3.7
4	5.5	2.5	4.6	3.4	5.5	2.5	5.4	2.6	5.5	2.5	4.3	3.7
5	5.5	2.5	4.1	3.9	4	4	5.4	2.6	5.5	2.5	4.3	3.7
6	5.4	2.6	5.1	2.9	3.9	4.1	5.4	2.6	5.5	2.5	2.3	5.7
7	5.1	2.9	4.1	3.9	5	3	5.2	2.8	5.5	2.5	2.3	5.7
8	3.8	4.2	5	3	5.5	2.5	5.2	2.8	5.5	2.5	3.5	4.5
9	5.5	2.5	3.6	4.4	5.5	2.5	5.1	2.9	5.5	2.5	3.5	4.5
10	5.2	2.8	5	3	4.9	3.1	5.3	2.7	5.5	2.5	3.5	4.5
11	5.2	2.8	5.2	2.9	5	3	5.6	2.4	5.5	2.5	3.3	4.7
12	5.2	2.8	4	4	5.5	2.5	5.6	2.4	5.5	2.5	3.4	4.6
13	5.5	2.5	5.5	2.5	2	6	3.8	4.2	5.5	2.5	2	6
14	5.5	2.5	5.5	2.5	2	6	5.6	2.5	5.5	2.5	2	6
15	5.5	2.5	5.5	2.5	2	6	5.6	2.4	5.5	2.5	2	6
16	5.5	2.5	5.5	2.5	2.2	5.8	5.6	2.4	5.6	2.4	2	6
17	5.5	2.5	5.5	2.5	2.2	5.8	5.6	2.4	2	6	2	6
18	5.5	2.5	5.6	2.4	2.2	5.8	4	4	2	6	4.8	3.2
19	5.5	2.5	5.6	2.4	2.2	5.8	4	4	2	6	4.2	3.8
20	5.5	2.5	5.6	2.4	2.2	5.8	2.8	5.2	2	6	2.5	5.5
21	5.5	2.5	5.6	2.4	2.2	5.8	5.5	2.5	2	6	5.4	2.6
22	3.4	4.6	5.6	2.5	2.2	5.8	4.5	3.5	5.5	2.5	5.4	2.6
23	4.3	3.7	4.4	3.6	2.2	5.8	2.1	5.9	2.1	5.9	5.5	2.5
24	4.5	3.5	5.6	2.4	5.5	2.6	5.5	2.5	2.1	5.9	4	4
25	4.7	3.3	5.6	2.4	4.5	3.5	5.5	2.5	2.1	5.9	4.8	3.2
26	4.8	3.2	5.6	2.4	2.6	5.4	5.6	2.4	2.1	5.9	4.6	3.4
27	5.5	2.5	5.5	2.5	5.6	2.4	5.5	2.5	3	5	4.3	3.7
28	5.3	2.7	5.5	2.5	5.7	2.3	5.5	2.5	3.3	4.7	5.5	2.5
29	5.3	2.7			5.7	2.3	5.5	2.5	3.4	4.6		
30	4.7	3.3			5.7	2.3	5.5	2.5	3.4	4.6		
31	5.1	2.9			5.7	2.3			3.4	4.6		
MAX	5.5	4.6	5.6	5.5	5.7	6	5.7	5.9	5.6	6.0	5.5	6.0
AVG	5.2	2.8	5.0	3.0	4.0	4.0	5.1	2.9	4.1	3.9	3.7	4.3

WESTWINDS GOLF COURSE

Recycled Water Flow Report

2015

	July		August		September		October		November		December	
	Pond Level	Pond	Pond Level	Pond	Pond Level	Pond	Pond Level	Pond	Pond Level	Pond	Pond Level	Pond
Date	ft msl	Freeboard	ft msl	Freeboard	ft msl	Freeboard	ft msl	Freeboard	ft msl	Freeboard	ft msl	Freeboard
1	4.6	3.4	5	3	2.9	5.1	5.3	2.7	5.5	2.5	4.2	3.8
2	5.5	2.5	5.3	2.7	2.5	5.5	5.4	2.6	3.4	4.6	4.4	3.6
3	5.2	2.8	5.5	2.5	2	6	5.5	2.5	5.6	2.4	4.4	3.6
4	5.4	2.6	5.5	2.5	5.5	2.5	5.5	2.5	5.6	2.4	5.8	2.2
5	5.5	2.5	5.3	2.8	5.6	2.5	5.4	2.6	5.6	2.4	5.5	2.5
6	5.5	2.5	2	6	5.5	2.5	5.5	2.5	5.6	2.4	4.6	3.4
7	5.3	2.8	5.4	2.6	5.5	2.5	5.5	2.5	5.6	2.4	4.7	3.4
8	5.5	2.5	5.4	2.6	5.5	2.5	5.5	2.5	5.6	2.4	5.5	2.5
9	5.5	2.5	5.3	2.7	5.5	2.5	5.5	2.5	5.6	2.4	3.6	4.4
10	5.3	2.7	5.5	2.5	5.5	2.5	5.5	2.5	5.7	2.4	5.6	2.4
11	5.4	2.6	5.5	2.5	5.6	2.4	3.6	4.4	5.6	2.4	5.7	2.3
12	5.5	2.5	5.4	2.6	5.6	2.4	3.4	4.6	4.6	3.4	5.8	2.2
13	5.5	2.5	5.5	2.5	5.7	2.3	3.5	4.5	4.6	3.4	5.8	2.2
14	5.5	2.5	4.3	3.7	6	2	5.5	2.5	4.6	3.4	5.9	2.1
15	5.5	2.5	4.5	3.5	5.6	2.4	2.2	5.8	4.6	3.4	5.9	2.1
16	5.5	2.5	5.5	2.5	3	5	4.4	3.6	4.6	3.4	4.4	3.6
17	5.5	2.5	5.5	2.5	3	5	4	4	4.6	3.4	4.1	3.9
18	5.5	2.5	5.5	2.5	3	5	5.5	2.5	3.2	4.8	3.7	4.3
19	5.5	2.5	5.3	2.7	3	5	2.5	5.5	5.6	2.4	5.5	2.5
20	5.5	2.5	5.5	2.5	3	5	5.5	2.5	5.6	2.4	5.6	2.4
21	4.9	3.1	5.5	2.5	3	5	4.9	3.1	3.7	4.3	4.7	3.3
22	5.2	2.8	5.2	2.8	3	5	5.5	2.5	3.1	4.9	3.2	4.8
23	5.3	2.7	5.3	2.7	3	5	2.8	5.2	5.5	2.5	3.2	4.8
24	5.5	2.5	5.5	2.5	3	5	5.5	2.5	5.6	2.4	5.6	2.4
25	5.5	2.5	5.4	2.6	3	5	2.1	5.9	5.6	2.4	5.6	2.4
26	5.3	2.7	5.5	2.5	3.3	4.7	4	4	4.6	3.4	5.6	2.4
27	2.9	5.1	3.1	4.9	3.3	4.7	4.5	3.5	5.7	2.3	5.6	2.4
28	4.8	3.3	5.3	2.7	2.8	5.2	3.3	4.7	5.7	2.3	3.5	4.5
29	5.4	2.6	5.6	2.4	5.5	2.5	5.5	2.5	4.2	3.8	5.5	2.5
30	5.1	2.9	5.5	2.5	5.6	2.4	5.5	2.5	4.2	3.8	3.1	4.9
31	4.8	3.2	5.4	2.6			4.2	3.8			5.5	2.5
MAX	5.5	5.1	5.6	6.0	6.0	6.0	5.5	5.9	5.7	40.7	5.9	4.9
AVG	5.3	2.8	5.2	2.8	4.2	3.8	4.6	3.4	5.0	3.0	4.9	3.1

Westwinds Golf Course
Depth to Groundwater
2015

Date	NZ 91 (Feet)	NZ 119 (Feet)	NZ 123 (Feet)
1/14/2015	61.5	163.5	46.5
2/11/2015	62	163.5	47
3/4/2015	60	163.5	46.75
4/1/2015	61	163.5	47
5/19/2015			
5/20/2015	60.83	163.58	121
6/1/2015	59	163.5	45.5
7/23/2015	63.5	163.5	47
7/24/2015			
8/20/2015	56.58	162.16	46.6
9/3/2015	61.08	166	46
10/6/2015	61.08	163.5	47.75
11/3/2015	61	49	
12/18/2015	61.1	163.5	47.5

Westwinds Golf Course
Groundwater Monitoring
2015

Semiannual

Date	NZ 119 TDS mg/L	NZ 119 Sodium mg/L	NZ 119 Chlorides mg/L	NZ 119 Sulfate mg/L	NZ 119 Ammonia-N mg/L	NZ 119 Nitrate-N mg/L	NZ 119 TKN mg/L	NZ 119 MBAS mg/L	NZ 119 TOC mg/L	NZ 119 Bromoform ug/L	NZ 119 Chloroform ug/l	NZ 119 Chlorodibromomethane ug/L	NZ 119 Bromodichloromethane ug/L
4/28/2015	380	61	7	140	<0.1	1.1	<0.1	<0.08	<0.7	<0.5	<0.5	<0.5	<0.5
10/7/2015	270	60	3.7	130	<0.1	0.95	<0.1	<0.08	<0.7	<0.5	<0.5	<0.5	<0.5

Annual

Date	NZ-119 Alkalinity mg/L	NZ-119 Hardness mg/L	NZ-119 Calcium mg/L	NZ-119 Potassium mg/L	NZ-119 Magnesium mg/L	NZ-119 Copper mg/L	NZ-119 Iron mg/L	NZ-119 Manganese mg/L	NZ-119 Zinc mg/L
4/28/2015	61	85	23	2.3	6.6	<0.01	2	0.03	<0.01

Westwinds Golf Course
Groundwater Monitoring
2015

Semiannual

Date	NZ 91 TDS mg/L	NZ 91 Sodium mg/L	NZ 91 Chlorides mg/L	NZ 91 Sulfate mg/L	NZ 91 Ammonia mg/L	NZ 91 Nitrate mg/L	NZ 91 TKN mg/L	NZ 91 MBAS mg/L	NZ 91 TOC mg/L	NZ 91 Bromoform ug/L	NZ 91 Chloroform ug/L	NZ 119 Chlorodibromomethane ug/L	NZ 119 Bromodichloromethane ug/L
4/21/2015	380	65	33	81	<0.1	1.9	<0.1	<0.08	0.87	<0.5	0.7	<0.5	<0.5
10/7/2015	400	62	32	83	<0.1	1.9	<0.2	0.08	<0.7	<0.5	0.66	<0.5	<0.5

Annual

Date	NZ-91 Alkalinity as CaCO3 mg/L	NZ-91 Hardness mg/L	NZ-91 Calcium mg/L	NZ-91 Potassium mg/L	NZ-91 Magnesium mg/L	NZ-91 Copper mg/L	NZ-91 Iron mg/L	NZ-91 Manganese mg/L	NZ-91 Zinc mg/L
4/21/2015	180	180	53	1.8	11	<0.01	0.02	<0.01	<0.01

Westwinds Golf Course
Groundwater Monitoring
2015

Semiannual

Date	NZ 123 TDS mg/L	NZ 123 Sodium mg/L	NZ 123 Chlorides mg/L	NZ 123 Sulfate mg/L	NZ 123 Ammonia-N mg/L	NZ 123 Nitrate mg/L	NZ 123 TKN mg/L	NZ 123 MBAS mg/L	NZ 123 TOC mg/L	NZ 123 Bromoform ug/L	NZ 123 Chloroform ug/L	NZ 119 Chlorodibromomethane ug/L	NZ 119 Bromodichloromethane ug/L
4/21/2015	1100	200	180	280	<0.1	5	1.8	<0.66	3.4	<0.5	0.55	<0.5	<0.5
10/7/2015	1000	180	190	270	<0.1	5	<0.1	<0.08	1.8	<0.5	<0.5	<0.5	<0.5

Annual

Date	NZ-123 Alkalinity mg/L	NZ-123 Hardness mg/L	NZ-123 Calcium mg/L	NZ-123 Potassium mg/L	NZ-123 Magnesium mg/L	NZ-123 Copper mg/L	NZ-123 Iron mg/L	NZ-123 Manganese mg/L	NZ-123 Zinc mg/L
4/21/2015	340	540	140	8.7	45	0.024	19	0.6	0.051