Table
Possum Point Toe Drain compared with Draft Limits for Outfall 010

Parameters	Units	VDEQ Draft Limits		Pond D Toe Drain	
		Monthly Average	Daily Maximum	Pond D T D1 12/14/2015	Pond D T D2 12/14/2015
pH	S.U.	NA	NA	5.9	6.3
Total Suspended Solids	mg/L	30	100	<1.0	<1.0
Oil/Grease Hexane Extractable	mg/L	15	20	<5.0	<5.0
Antimony, Total	ug/L	TBD	TBD	<0.140	<0.140
Antimony, Dissolved	ug/L			<0.140	<0.140
Arsenic, Total	ug/L	220	220	<0.830	<0.830
Arsenic, Dissolved	ug/L			<0.830	<0.830
Cadmium, Total	ug/L	1.1	1.1	<0.100	<0.100
Cadmium, Dissolved	ug/L			<0.100	<0.100
Trivalent Chromium, Total	ug/L	73	73	<5	<5
Trivalent Chromium, Dissolved	ug/L			<10	<10
Hexavalent Chromium, Total	µg/L	16	16	<3	<3
Hexavalent Chromium, Dissolved	µg/L			<5	<5
Copper, Total	µg/L	8.4	8.4	1.61	1.53
Copper, Dissolved	µg/L			1.52	1.53
Lead, Total	µg/L	11	11	<0.100	<0.100
Lead, Dissolved	µg/L			<0.100	<0.100
Mercury, Total	µg/L	1.1	1.1	<0.2	<0.2
Mercury, Dissolved	µg/L			<0.2	<0.2
Nickel, Total	µg/L	19	19	5.16	4.36
Nickel, Dissolved	µg/L			5.49	5.39
Selenium, Total	µg/L	7.3	7.3	0.819	1.11
Selenium, Dissolved	µg/L			0.702	0.932
Silver, Total	µg/L	1.5	1.5	<0.0300	<0.0300
Silver, Dissolved	µg/L			<0.0300	<0.0300
Thallium, Total	µg/L	TBD	TBD	<0.100	<0.100
Thallium, Dissolved	µg/L			<0.100	<0.100
Zinc, Total	µg/L	77	77	7.67	7.60
Zinc, Dissolved	µg/L			7.91	8.78
Chloride	µg/L	340,000	340,000	41,800	38,600
Acute Toxicity – *C. dubia* (7)	see footnote (7)				
Acute Toxicity – *P. promelas* (7)					
Chronic Toxicity – *C. dubia* (8)	see footnote (8)				
Chronic Toxicity – *P. promelas* (8)					

Footnotes:

1) Values preceded by "<" represent results not detected at the Reporting Detection Limit (RDL) and listed as < RDL.

2) Values with suffix "±" represent results with an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte.

3) Constituients with No Limit (NL) have been omitted from this table

4) NA- Not analyzed.

5) mg/L - milligrams per liter.

6) µg/L- micrograms per liter.

7) Reported as No Observed Effect Concentration (NOEC); 100% NOEC is required for Acute Toxicity tests.

8) Reported as Chronic Toxicity Units; A maximum of 2.85 Chronic Toxicity Units allowed for Chronic Toxicity Results.

9) TBD - To Be Determined

No Dilution
12-18

A. **Effluent Limitations and Monitoring Requirements**

9. **Outfall 010 – Ash Pond D Toe Drain**

a. There shall be no discharge of floating solids or visible foam in other than trace amounts.

b. During the period beginning with the permit's major modification date and lasting until the expiration date, the permittee is authorized to discharge from Outfall Number 010. Such discharges shall be limited and monitored by the permittee as specified below.

Parameter	Discharge Limitations				Monitoring Requirements	
	Monthly Average[1]	Daily Maximum[1]	Minimum	Maximum[1]	Frequency	Sample Type
Flow (MGD)	NL	NA	NA	NL	1/M	Estimate
pH	NA	NA	6.0 (S.U.)	9.0 (S.U.)	1/M	Grab
Total Suspended Solids (TSS)[3]	30 mg/L	100 mg/L	NA	NA	1/M	Grab
Oil and Grease (O&G)	15 mg/L	20 mg/L	NA	NA	1/M	Grab
Specific Conductivity	NA	NA	NA	NL (µhoms/cm)	1/M	Grab
Total Solids	NA	NA	NA	NL (mg/L)	1/M	Grab
Aluminum, Total Recoverable[4]	NL (µg/L)	NL (µg/L)	NA	NA	1/M	4H-C
Antimony, Total Recoverable	TBD µg/L	TBD µg/L	NA	NA	1/M	4H-C
Arsenic, Total Recoverable[3]	220 µg/L	220 µg/L	NA	NA	1/M	4H-C
Barium, Total Recoverable[4]	NL (µg/L)	NL (µg/L)	NA	NA	1/M	4H-C
Beryllium, Total Recoverable[4]	NL (µg/L)	NL (µg/L)	NA	NA	1/M	4H-C
Boron, Total Recoverable[4]	NL (µg/L)	NL (µg/L)	NA	NA	1/M	4H-C
Cadmium, Total Recoverable[3]	1.1 µg/L	1.1 µg/L	NA	NA	1/M	4H-C
Chloride	340,000 µg/L	340,000 µg/L	NA	NA	1/M	4H-C
Chromium III, Total Recoverable[3]	73 µg/L	73 µg/L	NA	NA	1/M	4H-C
Chromium VI, Total Recoverable[3]	16 µg/L	16 µg/L	NA	NA	1/M	4H-C
Cobalt, Total Recoverable[4]	NL (µg/L)	NL (µg/L)	NA	NA	1/M	4H-C
Copper, Total Recoverable[3]	8.4 µg/L	8.4 µg/L	NA	NA	1/M	4H-C
Iron, Total Recoverable[4]	NL (µg/L)	NL (µg/L)	NA	NA	1/M	4H-C
Lead, Total Recoverable[3]	11 µg/L	11 µg/L	NA	NA	1/M	4H-C
Mercury, Total Recoverable[3]	1.1 µg/L	1.1 µg/L	NA	NA	1/M	4H-C
Molybdenum, Total Recoverable[4]	NL (µg/L)	NL (µg/L)	NA	NA	1/M	4H-C
Nickel, Total Recoverable[3]	19 µg/L	19 µg/L	NA	NA	1/M	4H-C
Selenium, Total Recoverable[3]	7.3 µg/L	7.3 µg/L	NA	NA	1/M	4H-C
Silver, Total Recoverable[3]	1.5 µg/L	1.5 µg/L	NA	NA	1/M	4H-C
Thallium, Total Recoverable	TBD µg/L	TBD µg/L	NA	NA	1/M	4H-C
Vanadium, Total Recoverable[4]	NL (µg/L)	NL (µg/L)	NA	NA	1/M	4H-C
Zinc, Total Recoverable[3]	77 µg/L	77 µg/L	NA	NA	1/M	4H-C
Hardness, Total (as $CaCO_3$)	NL (mg/L)	NL (mg/L)	NA	NA	1/M	4H-C
Acute Toxicity – *C. dubia* (NOAEC)[2]	NA	NA	100%	NA	1/M	24H-C
Acute Toxicity – *P. promelas* (NOAEC)[2]	NA	NA	100%	NA	1/M	24H-C
Chronic Toxicity – *C. dubia* (TU_c)[2]	NA	NA	NA	1.44 TU_c	1/M	24H-C
Chronic Toxicity – *P. promelas* (TU_c)[2]	NA	NA	NA	1.44 TU_c	1/M	24H-C

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