Hyperion WWTP
R4-2005-0020

Information to be entered into CDF Tool:

M-002

Polynuclear Aromatic Hydrocarbons (PAHs)	1 / Month	ug/L
Polynuclear Aromatic Hydrocarbons (PAHs)	1 / Month	lb/day
TCDD Equivalents	1 / Month	pg/L
TCDD Equivalents	1 / Month	lb/day
Acrolein	1 / Month	ug/L
Acrylonitrile	1 / Month	ug/L
Benzene	1 / Month	ug/L
Carbon Tetrachloride	1 / Month	ug/L
Chlorobenzene	1 / Month	ug/L
Chlorodibromomethane	1 / Month	ug/L
Chloroform	1 / Month	ug/L
Methylene Chloride	1 / Month	ug/L
1,1-Dichloroethylene	1 / Month	ug/L
1,2-Dichloroethane	1 / Month	ug/L
1,3-Dichloropropylenes, Sum	1 / Month	ug/L
Ethylbenzene	1 / Month	ug/L
Halomethanes, Sum	1 / Month	ug/L
Methyl Tert-butyl Ether (MTBE)	1 / Month	ug/L
Toluene	1 / Month	ug/L
1,1,2,2-Tetrachloroethane	1 / Month	ug/L
1,1,1-Trichloroethane	1 / Month	ug/L
1,1,2-Trichloroethane	1 / Month	ug/L
Tetrachloroethylene	1 / Month	ug/L
Trichloroethylene	1 / Month	ug/L
Vinyl Chloride	1 / Month	ug/L
Antimony, Total Recoverable	1 / Month	ug/L
Beryllium, Total Recoverable	1 / Month	ug/L
Cadmium, Total Recoverable	1 / Month	ug/L
Chromium (III)	1 / Month	ug/L
Copper, Total Recoverable	1 / Month	ug/L
Chromium (VI)	1 / Month	ug/L
Lead, Total Recoverable	1 / Month	ug/L
Mercury, Total Recoverable	1 / Month	ug/L
Nickel, Total Recoverable	1 / Month	ug/L
Selenium, Total Recoverable	1 / Month	ug/L
Silver, Total Recoverable	1 / Month	ug/L
Zinc, Total Recoverable	1 / Month	ug/L

Thallium, Total Recoverable	1 / Month	ug/L
Hexachloroethane	1 / Month	ug/L
Flow	1 / Day	MGD
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Day	mg/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Day	mg/L
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Day	lb/day
Biochemical Oxygen Demand (BOD) (5-day @ 20 Deg. C)	1 / Day	lb/day
BOD5 @ 20 Deg. C, Percent Removal	1 / Month	%
Total Suspended Solids (TSS)	1 / Day	mg/L
Total Suspended Solids (TSS)	1 / Day	mg/L
Total Suspended Solids (TSS)	1 / Day	lb/day
Total Suspended Solids (TSS)	1 / Day	lb/day
Total Suspended Solids (TSS), Percent Removal	1 / Month	%
pH	1 / Week	SU
pH	1 / Week	SU
Oil and Grease	1 / Week	mg/L
Oil and Grease	1 / Week	mg/L
Oil and Grease	1 / Week	mg/L
Oil and Grease	1 / Week	lb/day
Oil and Grease	1 / Week	lb/day
Temperature	1 / Day	Degrees F
Total Organic Carbon (TOC)	1 / Month	mg/L
Settleable Solids	1 / Day	ml/L
Settleable Solids	1 / Day	ml/L
Settleable Solids	1 / Day	ml/L
Chlorine, Total Residual	1 / Day	mg/L
Dissolved Oxygen	1 / Week	mg/L
Turbidity	1 / Week	NTU
Turbidity	1 / Week	NTU
Turbidity	1 / Week	NTU
Ammonia, Total (as N)	1 / Month	mg/L
Acute Toxicity	1 / Month	TUa
Chronic Toxicity	1 / Month	TUc
Cyanide, Total (as CN)	1 / Month	ug/L
Nitrate, Total (as N)	1 / Month	ug/L
Nitrogen, Total Organic (as N)	1 / Month	mg/L
Radium-226 + Radium-228	1 / Month	PCi/L
Radiation, Gross Alpha	1 / Month	PCi/L
Radiation, Gross Beta	1 / Month	PCi/L
Tritium	1 / Month	PCi/L
Strontium-90	1 / Month	PCi/L
Phosphorus, Total (as P)	1 / Month	mg/L
Tributyltin (TBT)	1 / Month	ng/L
Tributyltin (TBT)	1 / Month	lb/day
Aldrin	1 / Month	ug/L
Chlordane	1 / Month	ug/L
Chlordane	1 / Month	lb/day

DDT/DDD/DDE, Sum of P,P & O,P Isomers	1 / Month	ug/L
DDT/DDD/DDE, Sum of P,P & O,P Isomers	1 / Month	lb/day
Endosulfans, Sum	1 / Month	ug/L
Endrin	1 / Month	ug/L
BHC, Sum	1 / Month	ug/L
Heptachlor	1 / Month	ug/L
Heptachlor Epoxide	1 / Month	ug/L
Polychlorinated Biphenyls (PCBs), Sum	1 / Month	ug/L
Polychlorinated Biphenyls (PCBs), Sum	1 / Month	lb/day
Toxaphene	1 / Month	ug/L
2,4-Dinitrophenol	1 / Month	ug/L
2,4,6-Trichlorophenol	1 / Month	ug/L
2-Methyl-4,6-Dinitrophenol	1 / Month	ug/L
Phenols, Chlorinated	1 / Month	ug/L
Phenols, Non-chlorinated	1 / Month	ug/L
Bis (2-Chloroethoxy) Methane	1 / Month	ug/L
Bis (2-Chloroisopropyl) Ether	1 / Month	ug/L
Di-n-butyl Phthalate	1 / Month	ug/L
Fluoranthene	1 / Month	ug/L
Hexachlorocyclopentadiene	1 / Month	ug/L
Isophorone	1 / Month	ug/L
Nitrobenzene	1 / Month	ug/L
Benzidine	1 / Month	ug/L
Bis (2-Chloroethyl) Ether	1 / Month	ug/L
Bis (2-Ethylhexyl) Phthalate	1 / Month	ug/L
1,4-Dichlorobenzene	1 / Month	ug/L
3,3-Dichlorobenzidine	1 / Month	ug/L
2,4-Dinitrotoluene	1 / Month	ug/L
1,2-Diphenylhydrazine	1 / Month	ug/L
Hexachlorobenzene	1 / Month	ug/L
Hexachlorobutadiene	1 / Month	ug/L
Uranium	1 / Month	PCi/L
M-INF		
Copper, Total Recoverable	1 / Month	ug/L
Chromium (VI)	1 / Month	ug/L
Lead, Total Recoverable	1 / Month	ug/L
Mercury, Total Recoverable	1 / Month	ug/L
Nickel, Total Recoverable	1 / Month	ug/L
Selenium, Total Recoverable	1 / Month	ug/L
Silver, Total Recoverable	1 / Month	ug/L
Zinc, Total Recoverable	1 / Month	ug/L
Thallium, Total Recoverable	1 / Month	ug/L

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Chloroform	1 / Month	ug/L
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1,2-Dichloroethane	1 / Month	ug/L
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Endosulfans, Sum	1 / Month	ug/L
Endrin	1 / Month	ug/L
BHC, Sum	1 / Month	ug/L
Heptachlor	1 / Month	ug/L
Heptachlor Epoxide	1 / Month	ug/L

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1,2-Diphenylhydrazine	1 / Month	ug/L
Hexachlorobenzene	1 / Month	ug/L
Hexachlorobutadiene	1 / Month	ug/L
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TCDD Equivalents	1 / Month	pg/L
Acrolein	1 / Month	ug/L
Acrylonitrile	1 / Month	ug/L
Benzene	1 / Month	ug/L
Uranium	1 / Month	PCi/L

Narrative:

M-001

Acute Toxicity: Only when a chronic toxicity test method that incorporates a 96-hour acute toxicity endpoint is used to monitor toxicity at the chronic IWC in effluent discharged from Outfall 001, the 96-hour acute toxicity statistical endpoint shall also be reported as LC50 and Tua, along with other chronic toxicity test results required by this permit. (Final requirement through the Reg Meas Period)[All year]

Chlorine, Total Residual: The chlorine level shall not exceed an average monthly level of 0.028 mg/L during continuous discharges that exceed 2 hours in length. (Final requirement effective null - null)[All year]

Chlorine, Total Residual: The chlorine level shall not exceed a daily maximum level of 0.092 mg/L during continuous discharges that exceed 2 hours in length. (Final requirement effective null - null)[All year]

Chronic Toxicity: If the chronic toxicity limit is exceeded, then the Discharger must begin to conduct accelerated monitoring in accordance with section VI.E.4 in the Monitoring and Reporting Program.? (Final requirement effective null - null)[All year]

Radium-226 + Radium-228: If gross alpha radioactivity exceeds 15 pCi/L or if gross beta activity exceeds 50 pCi/L, the discharger must monitor for radium 226&228 and submit results separately. (Final requirement effective null - null)[All year]

If radium 226&228 exceeds the stipulated criteria, the Discharger must monitor for tritium, strontium-90, and uranium, and submit the results separately. (Final requirement effective null - null)[All year]

M-002

Acute Toxicity: If the acute toxicity limit is exceeded, then the Discharger must conduct accelerated monitoring in accordance with section VI.E.4 in the Monitoring and Reporting Program.? (Final requirement effective null - null)[All year]

Chronic Toxicity: If the chronic toxicity limit is exceeded, then the Discharger must conduct accelerated monitoring in accordance with section VI.E.4 in the Monitoring and Reporting Program.? (Final requirement effective null - null)[All year]

General

The Discharger shall perform receiving water sampling in accordance with the Monitoring and Reporting Program and submit the results as an attachment. (Final requirement effective null - null)[January April July October]

Pre-Calculated:

N/A

Raw Data:

M-001

N-Nitrosodi-n-Propylamine	1 / Month	ug/L
N-Nitrosodiphenylamine	1 / Month	ug/L
Dichlorobromomethane	1 / Month	ug/L
Arsenic, Total Recoverable	1 / Month	ug/L
N-Nitrosodimethylamine	1 / Month	ug/L
Dieldrin	1 / Month	ug/L

Dichlorobenzenes, Sum	1 / Month	ug/L
Diethyl Phthalate	1 / Month	ug/L
Dimethyl Phthalate	1 / Month	ug/L

M-INF

N-Nitrosodi-n-Propylamine	1 / Month	ug/L
N-Nitrosodiphenylamine	1 / Month	ug/L
Dichlorobromomethane	1 / Month	ug/L
Arsenic, Total Recoverable	1 / Month	ug/L
N-Nitrosodimethylamine	1 / Month	ug/L
Dieldrin	1 / Month	ug/L
Dichlorobenzenes, Sum	1 / Month	ug/L
Diethyl Phthalate	1 / Month	ug/L
Dimethyl Phthalate	1 / Month	ug/L