

PART I

CONSTRUCTION DEWATERING DISCHARGES GENERAL PERMIT

A. GENERAL REQUIREMENTS FOR ALL NJPDES PERMITS

1. Requirements Incorporated by Reference

- a. The permittee shall comply with all conditions set forth in this permit and with all the applicable requirements incorporated into this permit by reference. The permittee is required to comply with the regulations, including those cited in paragraphs b. through e. following, which are in effect as of the effective date of this final renewal permit.

- b. General Conditions
 - i. Penalties for Violations N.J.A.C. 7:14-8.1 et seq
 - ii. Incorporation by Reference N.J.A.C. 7:14A-2.3
 - iii. Toxic Pollutants N.J.A.C. 7:14A-6.2(a)4i
 - iv. Duty to Comply N.J.A.C. 7:14A-6.2(a)1 & 4
 - v. Duty to Mitigate N.J.A.C. 7:14A-6.2(a)5 and 11
 - vi. Inspection and Entry N.J.A.C. 7:14A-2.11(e)
 - vii. Enforcement Action N.J.A.C. 7:14A-2.9
 - viii. Signatory Requirements for Applications and Reports N.J.A.C. 7:14A-4.9
 - ix. Effect of Permit/Other Laws N.J.A.C. 7:14A-2.9(c), 6.2(a)6&7
 - x. Severability N.J.A.C. 7:14A-2.2(b)
 - xi. Administrative Continuation of Permits N.J.A.C. 7:14A-2.8
 - xii. Permit Actions N.J.A.C. 7:14A-2.7(c)
 - xiii. Permit Duration N.J.A.C. 7:14A-2.7(a)
 - xiv. Confidentiality N.J.A.C. 7:14A-18.2 & 2.11(g)
 - xv. Treatment Works Approval N.J.A.C. 7:14A-22 & 23
 - xvi. General Permits N.J.A.C. 7:14A-6.13

- c. Operation and Maintenance
 - i. Need to Halt or Reduce not a Defense N.J.A.C. 7:14A-2.9(b)
 - ii. Proper Operation and Maintenance N.J.A.C. 7:14A-6.12(a)

- d. Monitoring And Records
 - i. Monitoring N.J.A.C. 7:14A-6.5
 - ii. Record Keeping N.J.A.C. 7:14A-6.6
 - iii. Signatory Requirements for Monitoring Reports N.J.A.C. 7:14A-6.9

- e. Reporting Requirements
 - i. Planned Changes N.J.A.C. 7:14A-6.7
 - ii. Noncompliance Reporting N.J.A.C. 7:14A-6.10
 - iii. Hotline/Two Hour & Twenty-four Hour Reporting N.J.A.C. 7:14A-6.10(c) & (d)
 - iv. Written Reporting N.J.A.C. 7:14A-6.10(e) & (f) & 6.8(h)
 - v. Duty to Provide Information N.J.A.C. 7:14A-2.11, 6.2(a)14 & 18.1
 - vi. Transfer N.J.A.C. 7:14A-6.2(a)8, 6.13(n), 16.1, 16.2

B. GENERAL REQUIREMENTS FOR CONSTRUCTION DEWATERING DISCHARGES**1. Purpose and Scope**

- a. The New Jersey Pollutant Discharge Elimination System (NJPDES) Discharge to Surface Water (DSW) General Permit for Construction Dewatering authorizes the discharge of groundwater for the purpose of lowering the groundwater table during construction dewatering, without the submittal of a NJPDES permit application and without an individual permit from the Department of Environmental Protection (Department).
- b. This permit is intended for short-term discharges containing de minimis amounts of pollutants. A de minimis discharge of pollutants for purposes of this general permit is defined as water, which complies with all of the conditions specified in this permit. The main pollutants of concern that may be present in the groundwater include filterable or dissolved solids, and suspended solids.
- c. This permit operates under the premise that if appropriate Best Management Practices (BMPs) are implemented prior to discharge, and if necessary temporary treatment units are provided, no negative environmental impact should result from the discharge.
- d. If appropriate BMPs are not employed, and the discharge causes adverse environmental impacts to the receiving water, the discharge is in violation of this permit. The entity authorizing the activity and certifying compliance with the requirements of this general permit would then be subject to enforcement action as deemed appropriate by the Department. If it is suspected at any time during or directly after a discharge event that a discharge is not being conducted or was not conducted in accordance with all applicable requirements of this permit, the local health officer or a regional representative from the Department's Bureau of Water Compliance and Enforcement may be contacted to investigate the situation.
- e. The entity responsible for the work that results in a discharge authorized by this permit is required to submit an original copy of the Request for Authorization Certification Form (Certification) certifying that the proposed discharge(s) will comply with all of the conditions of this permit. The Department **must receive the Certification at least 14 days prior to the proposed discharge**. Specific information regarding the required Certification and the additional information required to be submitted with the Certification are found in Section E below. Certification forms are available from the Division of Water Quality, Bureau of Permit Management. This form can also be accessed on the Department's web page at www.state.nj.us/dep/dwq/forms.htm. The applicant becomes authorized to discharge under this general permit 14 days after the Department receives the complete Certification, unless the Department notifies the applicant that the discharge is not eligible under this general permit.
- f. The certifying agent will be responsible for ensuring that the discharge meets all applicable requirements of this general permit during the discharge event.
- g. Discharges eligible for authorization under this permit may be discharged to all surface waters of the State of New Jersey (State), directly and via storm sewers, except for waters categorized as FW1, FW2-Category 1, and certain Shellfish waters consistent with the *Shellfish Growing Water Classification Charts*, which are updated annually in accordance with N.J.A.C. 7:12-1 et seq.
- h. FW2-Category 1 waters are defined in N.J.A.C. 7:9B-1.4 as; "those waters designated in the tables in N.J.A.C. 7:9B-1.15(c) through (h), for purposes of implementing the antidegradation policies set forth at N.J.A.C. 7:9B-1.5(d), for protection from measurable changes in water quality characteristics because of

their clarity, color, scenic setting, other characteristics of aesthetic value, exceptional ecological significance, exceptional recreational significance, exceptional water supply significance, or exceptional fisheries resource(s)."

- i. FW1 means those fresh waters, as designated in N.J.A.C. 7:9B-1.5(h) Table 6, that are to be maintained in their natural state of quality (set aside for posterity) and not subjected to any man-made wastewater discharges or increases in runoff from anthropogenic activities. These waters are set aside for posterity because of their clarity, color, scenic setting, other characteristic of aesthetic value, unique ecological significance, exceptional water supply significance, or exceptional fisheries resource(s).
- j. Pinelands waters means all waters within the boundaries of the Pinelands Area, except those waters designated as FW1, as established in the Pinelands Protection Act (N.J.S.A. 13:18A-1 et seq.) and shown on Plate 1 of the "Comprehensive Management Plan" adopted by the New Jersey Pinelands Commission in November 1980.
- k. Shellfish waters are defined in N.J.A.C. 7:9B-1.4 as; "those waters classified as Approved, Seasonally Approved, Special Restricted, Seasonally Special Restricted or Condemned that support or possess the potential to support shellfish which are within the Coastal Area Facility Review Act (C.A.F.R.A.) zone as delineated in 1973." Shellfish waters exclusion locations shall be consistent with the Shellfish Growing Water Classification Charts, which are updated annually in accordance with N.J.A.C. 7:12-1 et seq. These charts may be obtained at any shellfish agency, shellfisheries office or from the marine police.
- l. For additional information pertaining to FW1, FW2-Category 1, Pinelands or Shellfish waters, the permittee should contact the Department's Bureau of Water Quality Standards and Assessment at (609) 777-1753.
- m. The Department may authorize scheduled multiple short-term discharges occurring over a period of time.

C. CONDITIONS FOR AUTHORIZATION UNDER THE NJPDES GENERAL PERMIT FOR CONSTRUCTION DEWATERING DISCHARGES

1. Certification Requirements

- a. A completed and signed Certification, stating that the discharge(s) will be in compliance with the "Appendix A" limitations, shall be submitted to the Department at the address specified on the Certification. The discharge shall remain in compliance with the "Appendix A" limitations during the entire period of discharge.
- b. A copy of this Certification must also be submitted to the Department's appropriate Regional Enforcement Office, depending on the county where the discharge activity will occur, at the address specified below:
 - i. For Bergen, Essex, Hudson, Hunterdon, Morris, Passaic, Somerset, Sussex, and Warren Counties:

Northern Bureau of Water Compliance and Enforcement
 7 Ridgedale Ave
 Cedar Knolls, New Jersey 07927-1112

- ii. For Mercer, Middlesex, Monmouth, Ocean and Union Counties:

Central Bureau of Water Compliance and Enforcement
300 Horizon Center
P.O. Box 407
Trenton, New Jersey 08625-0407

- iii. For Atlantic, Burlington, Camden, Cape May, Cumberland, Gloucester and Salem Counties:

Southern Bureau of Water Compliance and Enforcement
One Port Center
2 Riverside Drive, Suite 201
Camden, New Jersey 08103

- c. A copy of this Certification must also be maintained on site during the discharge event. Where it is not practical to keep a copy of the Certification on site, a copy must be maintained in the business office of the certifying agent and a copy provided to the Clerk in the town or municipality where the discharge activity will occur or is occurring. The entity authorizing the work must maintain a copy of the Certification for a period of five years.

2. Other Certification Requirements

- a. If applying for scheduled multiple short-term discharges, the Certification shall include a schedule of occurrence of all of the discharges. If a discharge cited above exceeds a duration cited in the Certification due to unforeseen circumstances and it becomes necessary to extend the duration of the discharge, the Discharger may submit a written request to the Department for a determination of eligibility to continue to be authorized by this permit.
- b. For discharges, which are similar to construction dewatering discharges or questions regarding the eligibility of any discharge by this general permit, the discharger must contact the Division of Water Quality at (609) 292-4860 or at the address specified on the Certification.
- c. Incidental discharges to ground waters (DGW) of the State which may result from a discharge authorized by this permit, such as from overland flow on the way to the storm sewer or surface water conveyance, are also authorized under this general permit.
- d. This permit is subject to modification, revocation, or change at any time, pursuant to the applicable regulations, when in the judgment of the Department such revocation, modification or change is deemed necessary.
- e. The Department reserves the right to deny any request for authorization under the master general permit for any proposed discharge to waterbodies identified in the Department's annual Shellfish Growing Classification Charts under the following shellfish growing water classification codes: special restricted areas; seasonal areas; prohibited areas; and approved areas. The designated uses for waterbodies classified as SE1 or SC include shellfish harvesting in accordance with N.J.A.C. 7:9B-1.1 et seq. If the Department determines that it can not approve a discharge to a waterbody used for shellfish harvesting under the master general permit renewal, the applicant will be notified of the Department's finding. The Department will also notify the applicant if the discharge can be authorized under an individual NJPDES/DSW permit. If the Department can authorize a discharge to a waterbody classified as SE1 or SC under the general permit renewal, the Department will grant such authorization.

- f. The Department may deny authorization under this permit and require submittal of an application for an individual DSW or another general permit or DGW permit.
- g. The permittee shall retain records of monitoring information, including the following:
 - i. all calibration and maintenance records;
 - ii. copies of all reports and/or data used to complete the Certification for a general permit for a period of at least 5 years, or longer as required by N.J.A.C. 7:14A-20, from the date of the application.
- h. This permit does not waive the requirement to obtain any other necessary Federal, State or Local government consents or approvals. No work shall be undertaken until such time as all other required approvals and permits have been obtained.
- i. This permit does not grant permission to use publicly or privately owned storm sewers or conveyances. The discharger is responsible for obtaining permission from the appropriate entity for such use.
- j. Representatives of the Department shall have the right to enter and inspect any area associated with a discharge authorized under this permit.
- k. The discharge shall not contain toxic pollutants in toxic amounts, as defined under 33 U.S.C. 1251 et seq., the Federal Water Pollution Control Act, N.J.S.A. 58:10A-1 et seq., and the New Jersey Water Pollution Control Act, or other pollutants, including temperature and pH, in mass, concentration, or other measures, which could cause adverse impacts or be detrimental to the natural aquatic biota, or which could cause instream exceedances of the Federal Water Quality Criteria in 40 CFR, Part 131 or New Jersey Surface Water Quality Criteria (N.J.A.C. 7:9B-1.14 et seq.) in the receiving water.
- l. The discharge shall not cause or result in erosion to the area of the discharge or the surrounding stream banks. Adequate dewatering structures and velocity dissipation devices should be used when necessary to prevent and minimize erosion, stream scouring, and increases in turbidity. Dischargers may refer to "Standards for Soil Erosion and Sediment Control in New Jersey", as promulgated by the State Soil Conservation Committee and N.J.A.C. 2:90-1.3 et seq. In addition, the Regional Soil Conservation District office (organized by county) may be contacted for guidance on soil erosion control.
- m. Construction dewatering projects that exceed a 0.1MGD discharge of groundwater for a period of 30 days or more, may require a temporary dewatering permit from the Department's Bureau of Water Allocation. The Discharger shall contact the Bureau of Water Allocation if the construction dewatering project is expected to exceed a 0.1MGD discharge of groundwater for a period of 30 days or more.
- n. Construction dewatering projects authorized under this general permit that are expected to discharge for a period of 30 days or more and also utilize a temporary treatment unit, shall contact the Bureau of Financing and Construction Permitting to determine whether a Treatment Works Approval must be obtained.
- o. The discharger shall take into account the conveyance capacity of the discharge outlet structure and/or conveyance structure prior to discharge and shall manage or control the flow of the discharge accordingly. The discharge shall not cause or create downstream flooding conditions.
- p. The discharge shall not contain any scum, foam or other residual matter. BMPs appropriate to this type of discharge shall be employed at all times.

- q. The permittee shall not discharge foam or cause foaming of the receiving water that:
 - i. forms objectionable deposits on the receiving water;
 - ii. forms floating masses producing a nuisance; or
 - iii. interferes with a designated use of the waterbody.
- r. The permittee's discharge shall not produce objectionable color or odor in the receiving stream.
- s. The discharge shall not exhibit a visible sheen.
- t. The discharger shall minimize the amount of suspended solids or turbidity in the discharge so as to not cause adverse impacts or be detrimental to the natural aquatic biota, or cause instream exceedances of the New Jersey Surface Water Quality Criteria (N.J.A.C. 7:9B-1.14 et seq.) of the receiving water. If the discharge contains suspended solids, BMPs shall be utilized to reduce or eliminate the levels of the solids prior to discharge to the receiving water. These BMPs can include everything from increased retention time up to and including necessary filtration devices.
- u. There shall be no discharge of floating solids in other than trace amounts. The discharger shall use appropriate BMPs to eliminate floating debris, floatable or settleable solids, including construction or maintenance-related dirt, rust, or scale present in the waters prior to discharge.
- v. The following statement shall be signed by the authorized agent and submitted to the Department: "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designated 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 and imprisonment for purposely, knowingly, recklessly, or negligently submitting false information."

D. MONITORING BY TURBIDITY

1. Conditions for Monitoring by Turbidity

- a. The discharger may establish a benchmark for turbidity as a way of assuring ongoing compliance with the levels of the pollutants listed in "Appendix A". This turbidity benchmark shall ensure that the solids and particulates removal in the discharge shall be at least equal to or below the pollutant levels listed in "Appendix A".
- b. Should the discharger elect to establish turbidity as a methodology to ensure compliance with the pollutants listed in "Appendix A", the discharger shall sample for turbidity daily and record each result from each dewatering location. The discharger shall maintain a monthly log of the turbidity sample results on-site for all construction dewatering activities. The discharger shall also simultaneously submit the photocopies of the monthly log to the Division of Water Quality at the address listed on the Certification and the appropriate regional enforcement office's address listed in Section B following completion of the project.

E. EXCLUSIONS**1. The Following Discharges Are Specifically Excluded From Authorization Under This Permit**

- a. Sediment laden waters controlled under the Standards for Soil Erosion and Sediment Control in New Jersey and the Soil Erosion and Sediment Control Act (N.J.S.A. 4-24-39 et seq);
- b. All discharges of industrial process wastewater including contact and non-contact cooling water;
- c. Sanitary sewer flushing;
- d. Discharges from domestic, publicly or privately owned, and industrial treatment works;
- e. Combined sewer overflow;
- f. Sanitary sewer overflow;
- g. Discharges in any way associated with site remediation activities, including groundwater from any site adjacent to a site either needing water or soil remediation or undergoing site remediation or petroleum products cleanup activities;
- h. Polluted water [water containing detectable levels of any pollutants included in "Appendix A" before treatment using the Department's Recommended Quantitation Levels (RQLs)] from monitoring well construction and development or capping (sealing abandoned wells);
- i. Discharges from water and wastewater treatment system bench scale and pilot testing;
- j. Discharges resulting from filter backwash operations;
- k. Draining of and filter backwash from municipal, commercial, or other non-residential swimming pools;
- l. Water used to clean and rinse storage tanks, natural gas pipelines, or other vessels;
- m. Polluted water resulting from construction dewatering activities;
- n. Discharges resulting from water main breaks and water distribution system infrastructure failures;
- o. Emergency discharges of polluted water;
- p. Tank or vessel bottom water accumulated at the bottom of the tank/vessel during its operations;
- q. Discharges from the disinfection of newly constructed or repaired potable water mains;
- r. Discharges from fire hydrant flushing;
- s. Discharges resulting from Hydrostatic testing of tanks, vessels or pipelines;
- t. Discharges from mining operations.

F. CONSTRUCTION DEWATERING CERTIFICATION

1. Form Requirements

- a. The company or entity authorizing the activity, which will result in the discharge to be authorized by this permit, must designate an agent. The agent will be responsible for ensuring that the discharge complies with all applicable requirements of this permit and must certify this compliance in writing.
- b. An original complete Certification, legally executed by the designated agent, shall be submitted to the Department's Division of Water Quality, Bureau of Point Source Permitting Region 2, P.O. Box 029, Trenton, NJ 08625, so that it is received by the Department at least 14 days prior to discharging. A photocopy of the Certification shall also be submitted simultaneously to the Department's appropriate regional enforcement office as listed in Section B, paragraph 2 above. A copy of the Certification shall also be kept on site. Where this is impractical, a copy shall be kept at the business office of the designated agent and a copy of this Certification should be sent to the Clerk in the town or municipality in which the discharge will occur. A copy of this Certification shall be available so that it may be provided to a Department representative, or other person or persons, upon request. The Certification shall contain all of the following information (printed or typed):
 - i. Name of entity authorizing the work (company, town or municipality) resulting in the discharge to surface water. Name and title of a principal officer in the company or of a specified official in the town or municipality other than the designated agent and the business address and telephone number of same;
 - ii. Name and title of designated agent, affiliation, address and telephone number;
 - iii. Project description and the scheduled date(s) of the discharge event(s);
 - iv. Source of the water being discharged (e.g., ground water);
 - v. Number of well point(s) with approximate quantity or flow rate, as appropriate, of the discharge;
 - vi. Approximate duration of the discharge;
 - vii. Describe the designated discharge point;
 - viii. Location(s) (street name(s) or street address (as appropriate), municipality, and county) of the discharge;
 - ix. Receiving waters to which the discharge is directed, including the method of the receiving waters to which the discharge is directed, including the method of transport (i.e., via storm sewer, ditch, tributary, etc.);
 - x. Best Management Practices to be used, including any temporary treatment units used;
 - xi. Describe any turbidity benchmark established if appropriate.

- c. If this Certification is not submitted as specified above, or cannot be produced upon request of a Department or other government or jurisdictional representative, the discharger may be subject to enforcement actions. In addition, the certifying agent shall maintain the Certification for a period of five (5) years following the last discharge event authorized by this certification pursuant to this general permit.
- d. The Department reserves the right to require the discharger to cease discharging and obtain an individual or other general NJPDES permit or to utilize other alternate disposal methods. The Department reserves the right to enforce all applicable NJPDES regulations should there be a suspected or confirmed violation of the conditions of the General Permit for short-term Discharges or of the Federal or New Jersey Water Pollution Control Act. Discharges, which are not conducted in accordance with all applicable conditions of this permit and, which therefore may result in adverse environmental impacts, including, but not limited to a fish kill, may subject the authorizing entity to enforcement actions.

2. Signatory Requirements

- a. For a corporation, a responsible corporate officer means:
 - i. A president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation; or
 - ii. The manager of one or more manufacturing, production or operating facilities employing more than 250 persons or having gross annual sales or expenditures exceeding \$25 million (in second-quarter 1980 dollars), if authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.
- b. For a partnership or sole proprietorship, by a general partner or the proprietor, respectively, or
- c. For a municipality, State, Federal or other public agency, by either a principal executive officer or ranking elected official. For purpose of this Certification, a principal executive officer of a Federal agency includes:
 - i. The chief executive officer of the agency; or
 - ii. A senior executive officer having responsibility for the overall operations of a principal geographic unit of the agency.
- d. A duly authorized representative for the purpose of this Certification is described below:
 - i. A person is duly authorized representative only when a person described in paragraphs a through c above makes the authorization in writing.

APPENDIX A

The applicant shall ensure that the construction dewatering water shall be sampled and analyzed at the detection level as sensitive as the Recommended Quantitation Levels (RQL's) for all of the parameters.

Volatile Compounds All units are in micrograms per liter

Parameter	FW2 Waters		SE, SC Waters		RQL*
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
Acrolein	NL	100	NL	100	50
Acrylonitrile	NL	50	NL	50	50
Benzene	NL	7	37	136	7
Bromoform	NL	8.6	29	58	8
Carbon Tetrachloride	NL	6	8.8	NL	6
Chlorobenzene	15	28	15	28	6
Chlorodibromomethane	NL	8.2	NL	14	6
Chlorethane	104	268	104	268	N/A
Chloroform	NL	11.4	21	46	5
Dichlorobromomethane	NL	5	NL	12	5
1,1-Dichloroethane	22	59	22	59	23.5
1,2-Dichloroethane	NL	3	68	211	3
1, 1-Dichloroethylene	NL	6	16	25	6
1,2-Dichloropropylene	153	230	153	230	5
1,3-Dichloropropane	10	20	29	44	7
Ethylbenzene	32	108	32	108	6
Methyl Bromide	20	40	20	40	9
Methyl Chloride	86	190	86	190	10
Methylene Chloride	NL	9.4	40	89	6
1,1,2,2 Tetrachloroethane	NL	10	NL	10	10
Tetrachloroethylene	NL	16	22	56	9
Toluene	26	80	26	80	6
1,2-Trans-Dichloroethylene	21	54	21	54	4
1,1,1-Trichloroethane	21	54	21	54	6
1,1,2-Trichloroethane	NL	12	21	54	6
Trichloroethylene	NL	5.4	21	54	5
Methyl tertiary butyl ether	NL	70	NL	70	8
Vinyl Chloride	NL	10	104	268	10

Acid Compounds All units are in micrograms per liter

Parameter	FW2 Waters		SE, SC Waters		RQL*
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
2-Chlorophenol	31	98	31	98	20
2,4 Dichlorophenol	39	112	39	112	10
2,4 Dimethylphenol	18	36	18	36	13.5
4,6 Dinitro-O-Cresol	NL	60	78	277	60
2,4 Dinitrophenol	71	123	71	123	10
2-Nitrophenol	41	69	41	69	18
4-Nitrophenol	72	124	72	124	12
Pentachlorophenol	NL	30	NL	30	30
Phenol	15	26	15	26	10
2,4,6 Trichlorophenol	NL	20	NL	20	20

APPENDIX A

Base/Neutral Compound All units are in micrograms per liter

Parameter	FW2 Waters		SE, SC Waters		RQL*
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
Anthracene	22	59	22	59	10
Benzidine	NL	50	NL	50	50
Benzo (a) Anthracene	NL	10	NL	10	10
Benzo (a) Pyrene	NL	20	NL	20	20
Benzo (b) fluoranthene	NL	10	NL	10	10
Benzo (k) fluoranthene	NL	20	NL	20	20
Bis (2-Chloroethyl) Ethe	NL	10	NL	10	10
Bis (2-Chloroisopropyl)	301	757	301	757	10
Bis (2-Ethylhexyl)Phthal	NL	36	59	118	30
Butyl Benzyl Phthalate	NL	24	NL	24	20
Chrysene	NL	20	NL	20	20
Dibenzo (a,h) Anthracen	NL	20	NL	20	20
1,2 Dichlorobenzene	77	163	77	163	9
1,3 Dichlorobenzene	31	44	31	44	9
1,4 Dichlorobenzene	NL	28	NL	28	20
3,3 Dichlorobenzidine	NL	60	NL	60	60
Diethyl Phthalate	81	203	81	203	10
Dimethyl Phthalate	19	47	19	47	10
Di-N-Butyl Phthalate	27	57	27	57	20
2,4 Dinitrotoluene	NL	10	NL	18.2	10
2,6 Dinitrotoluene	255	641	255	641	9.5
Fluoranthene	25	68	25	68	10
Fluorene	22	59	22	59	10
Hexachlorobenzene	NL	10	NL	10	10
Hexachlorobutadiene	NL	10	20	49	10
Hexchlorocyclopentadie	240	480	NL	1800	10
Hexachloroethane	19	38	21	54	10
Ideno (1,2,3-cd) Pyrene	NL	20	NL	20	20
Isophorone	NL	20	NL	20	10
Naphthalene	22	59	22	59	8
Nitrobenzene	17	34	27	68	10
N-Nitrosodimethylamine	NL	20	NL	20	20
N-Nitrosodiphenylamine	NL	20	NL	20	20
Phenanthrene	22	59	22	59	10
Pyrene	25	67	25	67	20
1,2,4 Trichlorobenzene	68	140	68	140	10

APPENDIX A

Pesticides All units are in micrograms per liter

Parameter	FW2 Waters		SE, SC Waters		RQL*
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
Aldrin	NL	0.04	NL	0.04	0.04
Alpha-BHC	NL	0.02	NL	0.02	0.02
Beta-BHC	0.137	0.274	0.46	0.92	0.04
Gamma-BHC (Lindane)	NL	0.08	NL	0.03	0.03
Chlordane	NL	0.2	NL	0.2	0.2
4,4'-DDT 2	NL	0.06	NL	0.06	0.06
4,4'-DDE 2	NL	0.04	NL	0.04	0.04
4,4'-DDD 2	NL	0.04	NL	0.04	0.04
Dieldrin	NL	0.03	NL	0.03	0.03
Alpha-Endosulfan	NL	0.02	NL	0.02	0.02
Beta-Endosulfan	NL	0.04	NL	0.04	0.04
Endosulfan Sulfate	0.93	1.86	2	4	0.08
Endrin	NL	0.04	NL	0.04	0.04
Endrin Aldehyde	0.76	1.52	0.81	1.62	0.1
Heptachlor	NL	0.02	NL	0.02	0.02
Heptachlor Epoxide	NL	0.4	NL	0.4	0.4
Toxaphene	NL	1	NL	1	1
[Dioxin 2,3,7,8-Tetrachloro dibenzo-p-Dioxin]	NL	0.01	NL	0.01	0.01
PCBs - Total	NL	0.5	NL	0.5	0.5

Metals and Cyanide All units are in micrograms per liter

Parameter	FW2 Waters		SE, SC Waters		RQL*
	Monthly Average	Daily Maximum	Monthly Average	Daily Maximum	
Arsenic	50	100	50	100	8
Cadmium	50	100	50	100	4
Chromium	50	100	50	100	10
Copper	50	100	50	100	10
Iron	1000	2000	1000	2000	100
Lead	50	100	50	100	10
Mercury	NL	1	NL	1	1
Nickel	72	144	50	100	10
Selenium	50	100	50	100	10
Silver	25	50	25	50	2
Zinc	100	200	100	200	30
Cyanide	100	200	100	200	40