## ATTACHMENT B - SCREENING LEVELS FOR TOXIC POLLUTANTS REASONABLE POTENTIAL ANALYSIS

## I. INSTRUCTIONS

This Attachment contains listings of the parameters Dischargers are to analyze as part of their application for coverage under this General Order. The sampling requirements that are applicable to all discharges are presented in section II below, in Tables B-2 and B-3. Additional sampling requirements applicable to discharges to specific waterbodies follow in section III, in Tables B-4 through B-6. The Discharger shall compare the results of all analyses to the corresponding screening levels in Tables B-2 to B-6, where applicable, and submit them with the completed Notice of Intent (NOI). Any analyses performed for parameters without screening levels shall also be submitted to the Regional Water Board with the completed NOI.

Dischargers shall obtain and analyze a representative sample(s) of the upstream receiving water for hardness. If a representative sample cannot be obtained upstream of the discharge, the discharger shall obtain the sample downstream within 100 feet of the discharge location. If the receiving water is comprised entirely of effluent, the discharger may analyze the effluent for hardness in lieu of the receiving water. The analytical method(s) used shall be capable of achieving a detection limit at or below the minimum level, otherwise, a written explanation shall be provided.

The rationale for the screening levels in Tables B-2 through B-6 is provided in section IV.C.3 of the Fact Sheet (Attachment F) of this General Order. The discharger shall conduct the initial monitoring and report the results in the "Sample Result" column of the applicable table. The discharger shall then compare the sample result to the corresponding screening level. If the sample result is greater than the screening level, the discharger shall indicate reasonable potential exists by entering "yes" into the "Reasonable Potential?" column. If the sample result is equal to or less than the screening level, the discharger shall indicate reasonable potential of exist by entering "no" into the "Reasonable Potential?" column.

The Colorado River Basin Water Board reserves the right to re-evaluate reasonable potential with additional representative data or relevant information, pursuant to the specifications of the *Policy for Implementation of Toxics Standards for Inland Surface Waters, Enclosed Bays, and Estuaries of California* (SIP) and the *Water Quality Control Plan for Ocean Waters of California, California Ocean Plan* (Ocean Plan).

The certification statement and statement of perjury are applicable to all attachments of the NOI, and are applicable to the monitoring results and analysis reported within this form. Table B-1 provides an overview of the parameters to be analyzed as part of the application package.

| Attachment B Table                       | Parameter(s) Covered <sup>1</sup>                   | Water to be Sampled |  |  |  |  |
|--|---|---------------------|--|--|--|--|
| Sampling Requirements for All Discharges |   |                     |  |  |  |  |
| Table B-2                                | Priority Pollutants                                 | EFF <sup>2</sup>    |  |  |  |  |
| Table B-3                                | Hardness-Dependent Priority Pollutants <sup>3</sup> | EFF                 |  |  |  |  |
| None                                     | Any 303(d) Listed<br>Parameters⁴                    | EFF                 |  |  |  |  |

## Table B-1, Overview of Sampling Requirements

| Additional Sampling Requirements for Discharges to Specific Waterbodies | equirements for Discharges to Specific Waterbodies |
|---|--|
|---|--|

| Tables B-4 and B-5 | Total Dissolved Solids | EFF |
|--------------------|------------------------|-----|
| Table B-6          | Selenium               | EFF |

<sup>1</sup> The sampling requirements in terms of the parameters covered apply to all designated beneficial uses unless otherwise specified. MUN designated waters pertain to those receiving waters designated for municipal and domestic water supply, and Non-MUN designated waters pertain to those receiving waters designated for one or more of the other use categories. Consult section III.H of the Limitations and Discharge Requirements for further information concerning designated use categories.

<sup>3.</sup> Several of the priority pollutant metals are hardness-dependent and require that a sample of the receiving water be analyzed for hardness.

<sup>4.</sup> If the proposed receiving water is listed as impaired by any parameter on California's latest 303(d) List, then the Discharger shall analyze for the listed parameter(s). Consult the following Web site for the latest 303(d) List: <a href="http://www.swrcb.ca.gov/water\_issues/programs/tmdl/303d\_lists2006\_epa.shtml">http://www.swrcb.ca.gov/water\_issues/programs/tmdl/303d\_lists2006\_epa.shtml</a>.

Dischargers shall analyze all applicable pollutants in this Attachment in accordance with the analytical methods and other requirements specified in Part 136 of Title 40 of the Code of Federal Regulations (CFR) and in accordance with section I of the Monitoring and Reporting Program (Attachment E) of this General Order.

For priority pollutant constituents with applicable water quality criteria, detection limits shall be below the screening level. If the lowest minimum level (ML) published in Appendix 4 of the SIP is not below the screening level, the detection limit shall be the lowest ML. For priority pollutant constituents without applicable water quality criteria, the detection limits shall be equal to or less than the lowest ML published in Appendix 4 of the SIP or 40 C.F.R. Part 136.

Detection, for the purposes of the priority pollutants with applicable water quality criteria, means a sample result that is greater than or equal to the detection limit. Sample results less than the ML, but greater than or equal to the detection limit, shall be reported as "Detected, but Not Quantified," or DNQ. The estimated chemical concentration of the sample shall also be reported, and shall be used to compare to the applicable screening level for purposes of determining whether effluent limitations are necessary.

Detection, for the purposes of the priority pollutants without applicable water quality criteria, means a sample result that is greater than or equal to the applicable screening level (i.e., the lowest ML specified in the SIP).

## II. ANALYSES REQUÍRED OF ALL DISCHARGERS

A. Priority Pollutants. All Dischargers seeking authorization to discharge under this General Order shall sample and analyze the proposed effluent for the priority pollutants contained in Tables B-2 and B-3. The results of the analyses shall be compared to the corresponding screening levels and shall be submitted as part of the NOI.

<sup>&</sup>lt;sup>2.</sup> EFF = effluent water

| Parameter                        | Sample           | Screenin  | ng Levels <sup>1</sup>                                    | Minimum                  | Above<br>Screening<br>Level<br>(yes/no) |
|----------------------------------|------------------|---|---|--------------------------|---|
|                                  | Result<br>(µg/L) | Municipal<br>Designated<br>Waters (µg/L) <sup>2</sup> | Non-Municipal<br>Designated<br>Waters (µg/L) <sup>2</sup> | └ Levels<br>(MLs) (μg/L) |   |
|                                  |                  | Volatile Orga   | anics   |                          |   |
| 1,1-Dichloroethane               |                  | 5   | 5   | 1                        |   |
| 1,1-Dichloroethylene             |                  | 0.057   | 3.2   | 0.5                      | /                                       |
| 1,1,1-Trichloroethane            |                  | 200   | 200   | 2                        |   |
| 1,1,2-Trichloroethane            |                  | 0.6   | 42  | 0.5                      |   |
| 1,1,2,2-Tetrachloroethane        |                  | 0.17  | 1   | 0.5                      |   |
| 1,2-Dichlorobenzene              |                  | 600   | 600   | 0.5                      |   |
| 1,2-Dichloroethane               |                  | 0.38  | 99  | 0.5                      |   |
| 1,2-Dichloropropane              |                  | 0.52  | 39  | 0.5                      |   |
| 1,2-Cis-Dichloroethylene         |                  | 6   | 10  | N/A                      |   |
| 1,2-Trans-Dichloroethylene       |                  | 10  | 10  | 1                        |   |
| 1,3-Dichlorobenzene              |                  | 400   | 2,600   | 2                        |   |
| 1,3-Dichloropropylene            |                  | 0.5   | 0.5   | 0.5                      |   |
| 1,4-Dichlorobenzene              |                  | 5   | 0.5   | 0.5                      |   |
| 2-Chloroethyl-vinyl-ether        |                  | 1 <sup>3</sup>  | 1 <sup>3</sup>  | 1                        |   |
| Acetone                          |                  | 700   | 700   | N/A                      |   |
| Acrolein                         |                  | 320   | 780   | 5                        |   |
| Acrylonitrile                    |                  | 0.059   | 0.66  | 2                        |   |
| Benzene                          |                  | 1.0   | 1.0   | 0.5                      |   |
| Bromoform                        |                  | 4.3   | 360   | 0.5                      |   |
| Carbon Tetrachloride             |                  | 0.25  | 0.5   | 0.5                      |   |
| Chlorobenzene                    |                  | 680   | 21,000  | 2                        |   |
| Chlorodibromomethane             |                  | 0.41  | 34  | 0.5                      |   |
| Chloroethane                     |                  | 300   | 300   | 2                        |   |
| Chloroform                       |                  | 100   | 100   | 2                        |   |
| Dichlorobromomethane             |                  | 0.56  | 46  | 0.5                      |   |
| Di-isopropyl Ether               |                  | 5   | 5   | N/A                      |   |
| Ethanol                          |                  | 760,000   | 760,000   | N/A                      |   |
| Ethylbenzene                     | 1                | 700   | 700   | 2                        |   |
| Ethylene Dibromide               |                  | 0.05  | 0.05  | N/A                      |   |
| Hydrocarbons, Total<br>Petroleum |                  | 100   | 100   | N/A                      |   |
| Methanol                         |                  | 3,500   | 740,000   | N/A                      |   |
| Methyl Bromide                   |                  | 10  | 4,000   | 2                        |   |
| Methyl Chloride                  |                  | 3   | 3   | 0.5                      |   |
| Methyl ethyl ketone              |                  | 700   | 700   | N/A                      |   |
| Methyl tertiary-butyl ether      |                  | 13  | 13  | N/A                      |   |
| Methylene Chloride               |                  | 4.7   | 1,600   | 0.5                      |   |
| Tertiary-amyl-methyl ether       |                  | 5   | 5   | N/A                      |   |
| Tertiary Butyl Alcohol           |                  | 12  | 12  | N/A                      |   |
| Tetrachloroethylene              |                  | 0.8   | 8.85  | 0.5                      |   |
| Toluene                          |                  | 150   | 150   | 2                        |   |
| Trichloroethylene                |                  | 2.7   | 5   | 0.5                      |   |
| Trichlorofluoroethane            |                  | 1,200   | 4,000   | N/A                      |   |

### Table B-2. Screening Levels for Priority Pollutants

| Parameter                     | Sample   | Screenir  | ig Levels <sup>1</sup>                                    | Minimum                | Above                          |
|-------------------------------|--|---|---|------------------------|--------------------------------|
|                               | Result<br>(µg/L)   | Municipal<br>Designated<br>Waters (μg/L) <sup>2</sup> | Non-Municipal<br>Designated<br>Waters (μg/L) <sup>2</sup> | Levels<br>(MLs) (µg/L) | Screening<br>Level<br>(yes/no) |
| Vinyl Chloride                |  | 0.5   | 0.5   | 0.5                    |                                |
| Xylenes                       |  | 20  | 1,750   | N/A                    |                                |
|                               |  | Semi-Volatile O                                       | rganics   |                        |                                |
| 1,2-Diphenylhydrazine         |  | 0.04  | 0.54  | 1                      |                                |
| 1,2,4-Trichlorobenzene        |  | 70  |   | 5                      |                                |
| 2-Chlorophenol                |  | 120   | 400   | 5                      |                                |
| 2,4-Dichlorophenol            |  | 93  | 790   | 5                      |                                |
| 2,4-Dimethylphenol            |  | 540   | 2,300   | <u>/2</u>              |                                |
| 2,4-Dinitrophenol             |  | 70  | 14,000  | 5                      |                                |
| 2,4-Dinitrotoluene            |  | 0.11  | 9.1   | 5                      |                                |
| 2,4,6-Trichlorophenol         |  | 2.1   | 6.5   | 10                     |                                |
| 2,6-Dinitrotoluene            |  | 5 <sup>3</sup>  | 5 <sup>3</sup>  | 5                      |                                |
| 2-Nitrophenol                 |  | 10 <sup>3</sup>                                       | 10 <sup>3</sup>   | 10                     |                                |
| 2-Chloronaphthalene           |  | 1,700   | 4,300   | 10                     |                                |
| 3,3'-Dichlorobenzene          |  | 0.04  | 0.077   | 5                      |                                |
| 3-Methyl-4-Chlorophenol       |  | 1 <sup>3</sup>  | 1 <sup>3</sup>  | 1                      |                                |
| 2-Methyl-4,6-Dinitrophenol    |  | 13  | 765   | 5                      |                                |
| 4-Nitrophenol                 |  | 5 <sup>3</sup>  | 5 <sup>3</sup>  | 5                      |                                |
| 4-Bromophenyl phenyl<br>ether |  | 5 <sup>3</sup>  | 5 <sup>3</sup>  | 5                      |                                |
| 4-Chlorophenyl phenyl ether   |  | 5 <sup>3</sup>  | 5 <sup>3</sup>  | 5                      |                                |
| Acenaphthene                  |  | 1,200   | 2,700   | 1                      |                                |
| Acenaphthylene                |  | 10 <sup>3</sup>                                       | 10 <sup>3</sup>   | 10                     |                                |
| Anthracene                    |  | 9,600   | 110,000   | 5                      |                                |
| Benzidine                     |  | 0.00012   | 0.00054   | 5                      |                                |
| Benzo(a)Anthracene            | /  | 0.0044  | 0.049   | 5                      |                                |
| Benzo(a)Pyrene                |  | 0.0044  | 0.049   | 2                      |                                |
| Benzo(b)Fluoranthene          | /  | 0.0044  | 0.049   | 10                     |                                |
| Benzo(g,h,i)Perylene          | 1 the second sec | 5 <sup>3</sup>  | 5 <sup>3</sup>  | 5                      |                                |
| Benzo(k)Fluoranthene          |  | 0.0044  | 0.049   | 2                      |                                |
| Bis(2-                        |  | 5 <sup>3</sup>  | 5 <sup>3</sup>  | 5                      |                                |
| Chloroethoxyl)Methane         |  |   | 5   | 5                      |                                |
| Bis(2-Chloroethyl)Éther       |  | 0.031   | 1.4   | 1                      |                                |
| Bis(2-Chloroisopropyl)Ether   |  | 1,400   | 170,000   | 10                     |                                |
| Bis(2-Ethylhexyl)Phthalate    |  | 1.8   | 5.9   | 5                      |                                |
| Butylbenzyl Phthalate         |  | 3,000   | 5,200   | 10                     |                                |
| Chrysene                      |  | 0.0044  | 0.049   | 5                      |                                |
| Dibenzo(a,h)Anthracene        |  | 0.0044  | 0.049   | 1                      |                                |
| Diethyl Phthalate             |  | 23,000  | 120,000   | 10                     |                                |
| Dimethyl Phthalate            |  | 313,000   | 2,900,000   | 10                     |                                |
| di-n-Butyl Phthalate          |  | 2,700   | 12,000  | 10                     |                                |
| di-n-Octyl Phthalate          |  | 10 <sup>3</sup>                                       | 10 <sup>3</sup>   | 10                     |                                |
| Fluoranthene                  |  | 300   | 370   | 10                     |                                |
| Fluorene                      |  | 1,300   | 14,000  | 10                     |                                |
| Hexachlorobenzene             |  | 0.00075   | 0.00077   | 1                      |                                |

| Parameter                                  | Sample           | Screenir  | ig Levels <sup>1</sup>                                    | Minimum                | Above                          |
|--|------------------|---|---|------------------------|--------------------------------|
|  | Result<br>(µg/L) | Municipal<br>Designated<br>Waters (µg/L) <sup>2</sup> | Non-Municipal<br>Designated<br>Waters (μg/L) <sup>2</sup> | Levels<br>(MLs) (µg/L) | Screening<br>Level<br>(yes/no) |
| Hexachlorobutadiene                        |                  | 0.44  | 50  | 1                      |                                |
| Hexachlorocyclopentadiene                  |                  | 50  | 17,000  | 5                      |                                |
| Hexachloroethane                           |                  | 1.9   | 8.9   | 1                      |                                |
| Indeno(12,3-cd)Pyrene                      |                  | 0.0044  | 0.049   | 0.05                   |                                |
| Isophorone                                 |                  | 8.4   | 600   | 1                      |                                |
| N-Nitrosodimethyl amine                    |                  | 0.00069   | 8.1   | 5                      |                                |
| N-Nitroso-di-n-propyl amine                |                  | 0.005   | 1.4   | 5                      |                                |
| N-Nitrosodiphenyl amine                    |                  | 5.0   | 16  | 1                      |                                |
| Naphthalene                                |                  | 10 <sup>3</sup>                                       | 10 <sup>3</sup>   | 10                     |                                |
| Nitrobenzene                               |                  | 17  | 1,900   | 10                     |                                |
| Pentachlorophenol                          |                  | 0.28  | 7.9   | 1                      |                                |
| Phenanthrene                               |                  | $5^{3}$   | $5^{3}$   | 5                      |                                |
| Phenol                                     |                  | 21,000  | 4,600,000   | 50                     |                                |
| Pyrene                                     |                  | 960   | 11,000  | 10                     |                                |
|  |                  | Metals and Other C                                    |   |                        | I                              |
| Antimony, Total                            |                  |   | -   | _                      |                                |
| Recoverable                                |                  | 14  | 4,300   | 5                      |                                |
| Arsenic, Total Recoverable                 |                  | 50  | 36  | 10                     |                                |
| Beryllium, Total                           |                  | 4   | - f   | 0.5                    |                                |
| Recoverable                                |                  | 4   |   | 0.5                    |                                |
| Cadmium, Total                             |                  | R   | efer to Table B-3   |                        |                                |
| Recoverable<br>Chromium (III)              |                  |   | efer to Table B-3   |                        |                                |
| Chromium (VI)                              |                  | 11  | 50  | 5                      |                                |
| Copper, Total Recoverable                  |                  |   | efer to Table B-3   | 5                      |                                |
| Copper, Total Recoverable<br>Cyanide, Free |                  | 5.2   |   | 5                      |                                |
| Lead, Total Recoverable                    | /                |   | efer to Table B-3   | 5                      |                                |
| Mercury, Total Recoverable                 |                  | 0.050   | 0.051   | 0.2                    |                                |
| Nickel, Total Recoverable                  |                  |   | efer to Table B-3   | 0.2                    |                                |
|  |                  |   |   |                        |                                |
| Selenium, Total<br>Recoverable             |                  | 5.0   | 71  | 2                      |                                |
| Silver, Total Recoverable                  |                  | D   | efer to Table B-3   |                        |                                |
| Thallium, Total                            |                  |   |   |                        |                                |
| Recoverable                                |                  | 1.7   | 6.3   | 1                      |                                |
| Zinc, Total Recoverable                    |                  | P   | efer to Table B-3   |                        |                                |
| Asbestos                                   |                  | 7 MFL <sup>4</sup>                                    | 7 MFL <sup>5</sup>  |                        |                                |
| 2,3,7,8-TCDD                               |                  | 1.3 x 10 <sup>-8</sup>                                | 1.4 x 10 <sup>-8</sup>                                    |                        |                                |
|  | <u> </u>         | Pesticides and  |   |                        | I                              |
| 4,4'-DDD                                   | <u> </u>         | 0.00083   | 0.00084   | 0.05                   |                                |
| 4,4'-DDE                                   | ├                | 0.00059   | 0.00059   | 0.05                   |                                |
| 4,4'-DDE<br>4,4'-DDT                       | <u> </u>         | 0.00059   | 0.00059   | 0.05                   |                                |
| alpha-Endosulfan                           |                  | 0.00059   | 0.00059   | 0.01                   | <u> </u>                       |
|  |                  |   |   |                        |                                |
| alpha-BHC<br>Aldrin                        |                  | 0.0039<br>0.00013                                     | 0.013<br>0.00014  | 0.01                   |                                |
|  |                  |   |   |                        |                                |
| beta-Endosulfan                            |                  | 0.056   | 0.0087  | 0.01                   |                                |
| beta-BHC                                   | <u> </u>         | 0.014   | 0.046   | 0.005                  |                                |

| Parameter                 | Sample           | Screenir  | ng Levels <sup>1</sup>                                    | Minimum                | Above                          |
|---------------------------|------------------|---|---|------------------------|--------------------------------|
|                           | Result<br>(µg/L) | Municipal<br>Designated<br>Waters (μg/L) <sup>2</sup> | Non-Municipal<br>Designated<br>Waters (µg/L) <sup>2</sup> | Levels<br>(MLs) (μg/L) | Screening<br>Level<br>(yes/no) |
| Chlordane                 |                  | 0.00057   | 0.00059   | 0.1                    |                                |
| delta-BHC                 |                  |   |   | 0.005                  |                                |
| Dieldrin                  |                  | 0.00014   | 0.00014   | 0.01                   |                                |
| Endosulfan Sulfate        |                  | 110   | 240   | 0.05                   |                                |
| Endrin                    |                  | 0.036   | 0.0023  | 0.01                   |                                |
| Endrin Aldehyde           |                  | 0.76  | 0.81  | 0.01                   |                                |
| Heptachlor                |                  | 0.00021   | 0.00021   | 0.01                   |                                |
| Heptachlor Epoxide        |                  | 0.0001  | 0.00011   | 0.01                   |                                |
| gamma-BHC                 |                  | 0.019   | 0.063   | 0.02                   |                                |
| PCBs, sum of <sup>6</sup> |                  | 0.00017   | 0.00017   | 0.5                    |                                |
| Toxaphene                 |                  | 0.00073   | 0.00075   | 0.5                    |                                |

<sup>1</sup> The screening levels for MUN designated waters were established based on the maximum contaminant level (MCL) and California Toxics Rule (CTR) criteria for the protection of aquatic life or for the protection of human health for consumption of water and organisms, whichever was the more stringent. The screening levels for Non-MUN designated waters were established based on CTR criteria for the protection of aquatic life or human health for the consumption of organisms only, whichever was the more stringent.

 $^{2}$  µg/L = micrograms per liter

<sup>3</sup> Priority pollutants for which no applicable MCLs or CTR criteria for the protection of human health or aquatic life exist include beryllium, chloroethane, 2-chloroethylvinyl ether, chloroform, 1,1-dichloroethane, methyl chloride, 1,1,1trichloroethane, 2-nitrophenol, 4-nitrophenol, 3-methyl-4-chlorophenol, acenaphthylene, benzo(ghi)perylene, bis(2chloroethoxy)methane, 4-bromophenyl phenyl ether, 4-chlorophenyl phenyl ether, 2,6-dinitrotoluene, di-n-octyl phthalate, naphthalene, phenanthrene, 1,2,4-trichlorobenzene, delta-BHC, and asbestos (non-MUN only). The screening level for these parameters is based on the lowest minimum level (ML) contained in the SIP.

<sup>4</sup> MFL = million fibers per liter

<sup>5</sup> There are no applicable MCLs or CTR criteria for the protection of human health (consumption of organisms only) or aquatic life for asbestos for non-MUN designated waters. There is also no applicable ML for asbestos in the SIP. Therefore, the screening level for asbestos for non-MUN designated waters is equivalent to the CTR criterion for the protection of human health (consumption of water and organisms). If the discharge exceeds this screening level, effluent limitations will not be required, but the Discharger will be required to conduct additional monitoring as specified in the NOA from the Executive Officer.

<sup>6</sup> The screening level applies to the sum of Aroclors 1242, 1254, 1221, 1232, 1248, 1280, and 1016.

| Receiving  | /       | Most              | Stringent CT | R Water Qual | ity Criterion ( | Jg/L)  |      |
|--|---------|-------------------|--------------|--------------|-----------------|--------|------|
| Water<br>Hardness<br>(mg/L as<br>CaCO <sub>3</sub> ) | Cadmium | Chromium<br>(III) | Copper       | Lead         | Nickel          | Silver | Zinc |
| 1 – 10   | 0.07    | 4.8               | 0.18         | 0.01         | 1.1             | 0.01   | 2.4  |
| 11 – 20  | 0.44    | 34                | 1.4          | 0.19         | 8.1             | 0.09   | 18   |
| 21 – ⁄30   | 0.72    | 58                | 2.5          | 0.44         | 14              | 0.28   | 32   |
| 31 – 40  | 0.98    | 79                | 3.4          | 0.72         | 19              | 0.54   | 44   |
| 41 – 50  | 1.2     | 100               | 4.4          | 1.0          | 25              | 0.88   | 56   |
| 51 – 60  | 1.5     | 120               | 5.2          | 1.4          | 30              | 1.3    | 68   |
| 61 – 70  | 1.7     | 140               | 6.1          | 1.7          | 34              | 1.7    | 79   |
| 71 – 80  | 1.9     | 160               | 7.0          | 2.1          | 39              | 2.3    | 90   |
| 81 – 90  | 2.1     | 170               | 7.8          | 2.4          | 44              | 2.8    | 100  |
| 91 – 100   | 2.3     | 190               | 8.6          | 2.8          | 48              | 3.5    | 110  |

#### Table B-3. Screening Levels for Hardness-Dependent Priority Pollutant Metals

| Receiving  | Most Stringent CTR Water Quality Criterion (µg/L) |                   |        |      |        |        |      |
|--|---|-------------------|--------|------|--------|--------|------|
| Water<br>Hardness<br>(mg/L as<br>CaCO <sub>3</sub> ) | Cadmium   | Chromium<br>(III) | Copper | Lead | Nickel | Silver | Zinc |
| 101 – 110  | 2.5   | 210               | 9.4    | 3.2  | 53     | 4.1    | 120  |
| 111 – 120  | 2.7   | 230               | 10     | 3.6  | 57     | 4.9    | 130  |
| 121 – 130  | 2.9   | 240               | 11     | 4.1  | 61     | 5.6    | 140  |
| 131 – 140  | 3.0   | 260               | 12     | 4.5  | 66     | 6.5    | 150  |
| 141 – 150  | 3.2   | 270               | 13     | 4.9  | 70     | 7.3    | 160  |
| 151 – 160  | 3.4   | 290               | 13     | 5.4  | 74     | 8.2    | 170  |
| 161 – 170  | 3.6   | 310               | 14     | 5.8  | 78     | 9.2    | 180  |
| 171 – 180  | 3.8   | 320               | 15     | 6.3  | 82     | 10     | 190  |
| 181 – 190  | 3.9   | 340               | 15     | 6.8  | 86     | 11     | 200  |
| 191 – 200  | 4.1   | 350               | 16     | 7.3  | 90     | /12    | 210  |
| 201 – 210  | 4.3   | 370               | 17     | 7.7  | 94     | 13     | 220  |
| 211 – 220  | 4.4   | 380               | 18     | 8.2  | 98     | 15     | 230  |
| 221 – 230  | 4.6   | 400               | 18     | 8.7  | 100    | 16     | 230  |
| 231 – 240  | 4.8   | 410               | 19     | 9.2  | 110    | 17     | 240  |
| 241 – 250  | 4.9   | 430               | 20     | 9.7  | 110    | 18     | 250  |
| 251 – 260  | 5.1   | 440               | 20     | 10   | 110    | 20     | 260  |
| 261 – 270  | 5.2   | 450               | 21     | 11   | 120    | 21     | 270  |
| 271 – 280  | 5.4   | 470               | 22     | 11   | 120    | 23     | 280  |
| 281 – 290  | 5.5   | 480               | 23     | 12   | 130    | 24     | 290  |
| 291 – 300  | 5.7   | 500               | 23     | 12   | 130    | 25     | 300  |
| 301 – 310  | 5.8   | 510               | 24     | 13   | 130    | 27     | 300  |
| 311 – 320  | 6.0   | 520               | 25     | 13   | 140    | 29     | 310  |
| 321 – 330  | 6.2   | 540               | 25     | 14   | 140    | 30     | 320  |
| 331 – 340  | 6.3   | 550               | 26     | 15   | 140    | 32     | 330  |
| 341 – 350  | 6.5   | 570               | 27     | 15   | 150    | 33     | 340  |
| 351 – 360  | 6.6   | 580               | 27     | 16   | 150    | 35     | 350  |
| 361 – 370  | 6.7   | 590               | 28     | 16   | 150    | 37     | 360  |
| 371 – 380  | 6.9   | 610               | 29     | 17   | 160    | 39     | 360  |
| 381 – 390  | 7.0   | 620               | 29     | 17   | 160    | 41     | 370  |
| 391 – 400  | 7.2   | 630               | 30     | 18   | 170    | 42     | 380  |
| > 400  | 7.3   | 650               | 31     | 19   | 170    | 44     | 390  |

## **B.** Section 303(d) Parameters. If the proposed receiving water is listed as impaired on the latest 303(d) List

<u>http://waterboards.ca.gov/coloradoriver/water\_issues/programs/tmdl/docs/303d/r7\_2010\_303d\_I</u> <u>ist.pdf</u>, the Discharger shall analyze a representative sample of the discharge for the affected parameter(s) and submit the results with the completed NOI.

## III. Waterbody or Designated Use Specific Analyses Required

The Basin Plan establishes limitations for the discharge of certain pollutants to specific waterbodies. Dischargers proposing to discharge treated groundwater from cleanup of VOCs under this General Order to the New River, Alamo River, Imperial Valley Drains, Coachella Valley Drains, Palo Verde Valley Drains, and to tributaries to the Salton Sea shall analyze a representative sample of the discharge for the parameters indicated in Tables B-4 through B-6 below, as applicable, and compare the results to the screening levels noted. The Discharger shall submit the results of all analyses performed with the completed NOI.

## Table B-4. Analysis Requirements for Discharges to the New River, Alamo River, and the Imperial Valley Drains

| Parameter              | Units | Sample Result | Screening Level | Above Screening<br>Level (yes/no) |
|------------------------|-------|---------------|-----------------|-----------------------------------|
| Total Dissolved Solids | mg/L  |               | 4,000           |                                   |

# Table B-5. Analysis Requirements for Discharges to the Coachella Valley Drains and the Palo Verde Valley Drains

| Parameter                 | Units | Sample Result | Screening Level | Above Screening<br>Level (yes/no) |
|---------------------------|-------|---------------|-----------------|-----------------------------------|
| Total Dissolved<br>Solids | mg/L  |               | 2,000           |                                   |

## Table B-6. Analysis Requirements for Discharges to the Tributaries to the Salton Sea

| Parameter | Units | Sample Result | Screening Level | Above Screening<br>Level (yes/no) |
|-----------|-------|---------------|-----------------|-----------------------------------|
| Selenium  | mg/L  | 1             | 0.005           |                                   |