



Permit MATRIX

State	WA	OR	CA
Permit Name	ISGP	1200-Z	IGP
Monthly Site Inspections	Yes	Yes	Yes
Inspection Reports	Yes, monthly (retain onsite as part of SWPP)	Yes, monthly (retain onsite and submit by request)	With annual report
Annual Report	Yes, due 5/15	Yes	Yes
Stormwater Pollution Control Plan	SWPPP	SWPCP	SWPPP
Benchmark Exceedance Response	Three "Level" System	Two "Tier" System	Two "Level" System
	<p><b>Level 1 Corrective Action: Permittees that exceed any benchmark value and/or for any quarter, within 14 days of receipt:</b></p> <ul style="list-style-type: none"> <li>- Conduct an inspection</li> <li>- Review the SWPPP/make appropriate revisions</li> <li>- Prepare/Complete a Level 1 Corrective Action in the Annual Report</li> <li>- Permittee must sign and certify the SWPPP no later than the DMR due date for the quarter the benchmark was exceeded.</li> </ul>	<p><b>Tier 1 Corrective Action: Monitoring results exceed benchmark or impairment reference concentrations, within 30 days of receipt:</b></p> <ul style="list-style-type: none"> <li>- Investigate/Review SWPCP</li> <li>- Prepare Tier 1 Report, retain on site and submit to DEQ or Agent upon request</li> <li>- Implement Corrective Actions</li> <li>- Revise SWPCP as needed. Submit only changes made to SWPCP based on investigation to DEQ or Agent</li> </ul>	<p><b>Level 1 Exceedance Response Action (ERA): If an annual NAL is exceeded (average of all samples taken) or 2 instantaneous NAL exceedances, starts on July 1 of the following reporting year:</b></p> <ul style="list-style-type: none"> <li>* ERA Evaluation</li> <li>- Complete by Oct 1</li> <li>- Complete an evaluation of the sources related to exceedance</li> <li>- Identify corresponding BMPs and additional BMPs comply with requirements</li> <li>* ERA Report</li> <li>- Complete by Jan 1</li> <li>- Revise SWPPP and implement additional BMPs</li> <li>- Summary of ERA Evaluation</li> <li>- Detailed description of SWPPP revisions and additional BMPs</li> </ul>
	<p><b>Level 2 Corrective Action: Permittees that exceed a benchmark (for a single parameter) for any two quarters during a calendar year:</b></p> <ul style="list-style-type: none"> <li>- Review SWPPP and make appropriate revisions to include additional Structural Source Control BMPs</li> <li>- Complete a Level 2 Corrective Action and summarize in the Annual Report</li> <li>- Must be completed no later than Aug 31st of the following year</li> </ul>	<p><b>Tier 2 Corrective Action: Geometric mean concentrations of 2nd year of results exceeds a benchmark(s):</b></p> <ul style="list-style-type: none"> <li>- Report exceedances in the Discharge Monitoring Report form</li> <li>- Revise the SWPCP to include additional stormwater treatment measures; implement by 06/30 of the 4th year of permit coverage</li> <li>- Professional engineer or certified engineering geologist must design and stamp the portion of the SWPCP addressing the treatment measures</li> <li>- Submit the revised SWPCP to DEQ or Agent by 12/31 of the 3rd year of permit coverage</li> <li>- Special pH requirement: Tier II corrective action requirements are triggered if more than three samples from the first two years of permit coverage are outside the pH benchmark range</li> <li>- If sampling results continue to exceed benchmarks, investigate/ summarize findings in a Tier II Benchmark Exceedance report; retain Report on site and submit to DEQ or Agent annually w/ Discharge Monitoring Form</li> </ul>	<p><b>Level 2 ERA: If a Level 1 Discharger has an exceedance after Level 1 corrective action (single parameter):</b></p> <ul style="list-style-type: none"> <li>* ERA Action Plan</li> <li>- Due January 1</li> <li>- A schedule and detailed description of the tasks required to complete the Technical Report items</li> <li>* ERA Technical Report</li> <li>- Due Jan 1</li> <li>- Overall assessment of sources of pollutants, current reduction methods and propose new methods</li> </ul>
	<p><b>Level 3 Corrective Action: Permittees that exceed a benchmark (for a single parameter) for any three quarters during a calendar year:</b></p> <ul style="list-style-type: none"> <li>- Review SWPPP and make appropriate revisions to include additional Treatment BMPs</li> <li>- Qualified Industrial Stormwater Professional must review SWPPP and sign SWPP Certification Form</li> <li>- Submit O&amp;M manual and engineering report (by licensed PE) to Ecology before installing treatment BMPs which require site-specific sizing or design</li> <li>- Summarize Level 3 Corrective Actions in the Annual Report</li> <li>- Must be completed no later than Sept 30 of the following year</li> </ul>	NA	NA

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State	WA	OR	CA	
Statewide Benchmarks (All Facilities)	Copper	14 µg/L	20 µg/L	33.2 µg/L
	Lead	81.6 µg/L (Primary Metals, Metals Mining/ Fabricating, Auto Salvage & Scrap Recycling, Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers)	40 µg/L	262 µg/L
	Zinc	117 µg/L	120 µg/L	260 µg/L
	Aluminum		0.75 mg/L (Chemical Products, Clay Products, Primary Metal, Coal Mines, Auto Salvage, Scrap & Waste Recycling, Water Transportation, Fabricated Metals)	750 µg/L
	Iron		1.0 mg/L (Chemical Products, Concrete and Gypsum Manufacturers, Primary Metal, Metals Mining, Coal Mines, Landfills, Auto Salvage, Scrap & Waste Recycling, Steam Electric Generation, Water Transportation, Fabricated Metals)	1 mg/L
	Magnesium	64 µg/L (Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers)	64 µg/L (Hazardous Waste Treatment, Storage, & Disposal)	64 µg/L
	Cadmium	2.1 µg/L (Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers)	1.0 µg/L (Metals Mining, Hazardous Waste Treatment, Storage, & Disposal)	5.3 µg/L
	Nickel		0.5 mg/L (Metals Mining, Hazardous Waste Treatment, Storage, & Disposal)	1.02 mg/L
	Mercury	1.4 µg/L (Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers)	1.4 µg/L (Metals Mining, Hazardous Waste Treatment, Storage, & Disposal)	1.4 µg/L
	Selenium	5.0 µg/L (Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers)	5.0 µg/L mg/L (Metals Mining, Hazardous Waste Treatment, Storage, & Disposal)	5 µg/L
	Silver	3.8 µg/L (Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers)	0.5 µg/L (Metals Mining, Hazardous Waste Treatment, Storage, & Disposal)	18.3 µg/L
	Beryllium		0.13 mg/L (Metals Mining)	
	Antimony		0.64 mg/L (Metals Mining)	
	Arsenic	150 µg/L (Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers)	150 µg/L (Metals Mining, Hazardous Waste Treatment, Storage, & Disposal)	150 µg/L
	Cyanide	22 µg/L (Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers)	22 µg/L (Hazardous Waste Treatment, Storage, & Disposal)	22 µg/L
	TSS	100 mg/L (Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers, Timber Products, Paper Products)	100 mg/L (23.0 mg/L Asphalt, Roofing Materials, Lubricant Manufacturing; 50 mg/L Cement Manufacturing)	100 mg/L *
	Oil and Grease		10 mg/L	15 mg/L *
	Oil Sheen	No Visible Oil Sheen		
	Turbidity	25 NTUs	50 NTU (Metals Mining)	
	pH	5.0 - 9.0 s.u.	5.5 - 9.0 s.u.	6.00-9.00 s.u.*
	E. Coli		406 cfu/100ml	
	BOD <sub>5</sub>	30 mg/L (Chemical, Food, Air Transportation)	30 mg/L (Air Transportation w/ >100,000 gal of glycol-based deicing chem. or 100 tons of urea/ year, Fats & Oils Products)	30 mg/L
	COD	120 mg/L (Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers, Air Transportation, Timber Products, Paper Products)	120 mg/L (Timber Products, Paper Products, Copper Mining, Hazardous Waste Treatment, Storage, & Disposal, Scrap & Waste Recycling, Air Transportation w/ >100,000 gal of glycol- based deicing chem. or 100 tons of urea/ year, Fats & Oils Products)	120 mg/L
	Ammonia (as N)	2.1 mg/L (Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers, Air Transportation)	2.14 mg/ L (Hazardous Waste Treatment, Storage, & Disposal, Air Transportation w/ >100,000 gal of glycol-based deicing chem. or 100 tons of urea/ year)	2.14 mg/L
	Nitrate + Nitrite (as N)	0.68 mg/L (Chemical, Food, Air Transportation)	0.68 mg/L (Chemical Products, Copper Mining, Fats & Oils Products, Fabricated Metals)	680 µg/L
	Petroleum Hydrocarbons	10 mg/L (Primary Metals, Metals Mining/ Fabricating, Auto Salvage & Scrap Recycling, Hazardous Waste Treatment, Storage, & Disposal, Dangerous Waste Recyclers, Transportation, Air Transportation, Petroleum Bulk Stations & Terminals)		
	Phosphorus	2.0 mg/L (Chemical, Food)	2.0 mg/L (Chemical Products)	2000 µg/L

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Additional Monitoring		Cadmium, Chromium, & Nickel: 8 times over the first 3 years of permit coverage Mercury/ PCBs: only for facilities with SIC 5015/5093; 4 times over the first 3 years of permit coverage	Based on site pollutant assesment
Impairment Pollutants Reporting Year	January 1 - December 31	Two samples per year July 1 - June 30	July 1 - June 30
Monitoring Schedule	Once per quarter	Four times per year; 2 on/before Dec 31 and 2 on/before Jan 1	2 samples per half reporting year
Discharge Monitoring Report	1/quarter; due 2/15, 5/15, 8/15, 11/15	Yes; submit to DEQ or Agent annually by July 31st	No
Monitoring Waiver	No	Yes	No (can get sampling reduction of 1 sample per half year)