

INDUSTRIAL STORMWATER DISCHARGES TO IMPAIRED WATERBODIES

OPTIONS FOR ESTABLISHING NUMERIC EFFLUENT LIMITS

I. PREFACE

RCW 90.48.555 requires the Department of Ecology (Ecology) to develop appropriately derived water quality based numeric limits for discharges regulated by the Industrial Stormwater General Permit (ISWGP) to 303(d)-listed waters under the Federal Clean Water Act (33 U.S.C. SEC. 1313 (d)).

Specifically, RCW 90.48.555(7) states:

(a) The department shall modify the industrial storm water general permit to require compliance by May 1, 2009, with appropriately derived numeric water quality-based effluent limitations for existing discharges to water bodies listed as impaired according to 33 U.S.C. Sec. 1313(d) (Sec. 303(d) of the federal clean water act, 33 U.S.C. Sec. 1251 et seq.).

(b) No later than September 1, 2008, the department shall report to the appropriate committees of the legislature specifying how the numeric effluent limitation in (a) of this subsection would be implemented. The report shall identify the number of dischargers to impaired water bodies and provide an assessment of anticipated compliance with the numeric effluent limitation established by (a) of this subsection. (RCW 90.48.555(7))

II. FACILITIES DISCHARGING TO IMPAIRED WATERS

Approximately 190 of the 1100+ ISWGP permittees discharge to an impaired water body;. The table below presents a review of the self-monitoring data from 2005 through 2007 for those permittees discharging waters on the EPA-approved 2004 list of impaired (Category 5) water bodies. Existing facilities discharge only to water bodies listed for the following parameters: dissolved oxygen, fecal coliform, pH, turbidity or fine sediment in the water column, total phosphorus, and PCBs. Water bodies listed for dissolved oxygen have a benchmark established as biochemical oxygen demand (BOD₅). A number of facilities discharge to water bodies listed for a sediment parameter; these facilities measure total suspended sediments in the discharge and have a benchmark of 30 mg/L.

Ecology has estimated the number of facilities likely to receive an effluent limit after the first season of monitoring in the table. **The estimates are based on facilities whose median value from the wet season sampling exceeded the benchmark/effluent limit in either the 2005-2006 season or the 2006-2007 wet season.** The table also lists the benchmarks/effluent limit for each listed parameter.

Listed Parameter/ Parameter Monitored	Facilities/Outfalls Discharging to 303(d) Listed Water Body	Effluent Limit/Benchmark	Number of Facilities Exceeding Limit in Either Wet Season
Dissolved Oxygen/ BOD ₅	18 facilities/ 36 outfalls	11 mg/L	20
Turbidity or Fine Sediments/ Turbidity	2 facilities/ 2 outfalls	25 NTUs	0
pH/pH	40 facilities/ 68 outfalls	6.0 – 9.0 s.u.	20
Fecal Coliform/ Fecal Coliform	6 facilities/ 8 outfalls	Freshwater: 100 colonies/100 mL Marine: 43 colonies/100 mL	0
Total Phosphorus/ Total Phosphorus	22 facilities/ 33 outfalls	10 ug/L	17
Total Ammonia/ Total Ammonia	3 facilities/ 5 outfalls	10 ug/L	1
Nitrate/Nitrite-Nitrogen/ Nitrate/Nitrite-Nitrogen	3 facilities/ 5 outfalls	10 ug/L	14
Sediment Listings/ Total Suspended Solids	167 facilities/ 275 outfalls	30 mg/L	20
PCBs/ PCBs	1 facility/ 1 outfall	2 ug/L	0

III. OPTIONS FOR NUMERIC LIMITS FOR DISCHARGES TO IMPAIRED WATERS

Ecology identified four options to meet the requirement for discharges to impaired waters posed in RCW 90.48.555(7)(a). At least two of the options would require statutory change and may not be viable. One of the options would require a substantial addition to existing resources.

The four options identified include:

OPTION 1 - Establish site-specific water quality based numeric effluent limits using a reasonable potential analysis.

OPTION 2 - Establish pollutant-specific water quality based numeric effluent limits by applying the water quality criteria at the point of discharge from the site.

OPTION 3 – Continue with narrative limits for discharges to 303(d) listed waters as described in the current permit and the November 21, 2007 draft permit.

Option 4 - Request an extension from the legislature (statutory change) from 2009 until 2013.

Each option is described and considerations discussed.

OPTION 1: ESTABLISH SITE-SPECIFIC WATER QUALITY BASED NUMERIC EFFLUENT LIMITS USING A REASONABLE POTENTIAL ANALYSIS

Ecology's Permit Writers Manual includes a process for establishing water quality based effluent limits for wastewater dischargers. This section describes how application of this approach may be difficult for stormwater discharges.

A reasonable potential analysis assesses the impacts of a discharge on the receiving water. When evaluating the impacts of a stormwater discharge on the receiving water, a permit writer must consider site-specific factors such as:

- Facility specific stormwater characterization data (concentration and variability of pollutants),
- Flow volumes of the discharge during storm events,
- Flow of the receiving water during storm events,
- Available dilution during storm events,
- Water quality criteria,
- Fate of the pollutant in the receiving water, and
- Toxicity of the pollutant and its forms to aquatic life.

Ecology derives surface water quality-based limits for the water body's critical condition. The critical condition for a wastewater discharge represents the receiving water and waste discharge condition with the highest potential for adverse impact on the aquatic biota, human health, and existing or characteristic water body uses. For an individual wastewater discharge permit, Ecology typically determines the impact of the discharge to the receiving water under low flow conditions when dilution afforded by the receiving water is minimal.

Under storm event conditions, the analysis would differ significantly. Permittees discharge stormwater when dilution factors are high because of the increased flow. Pollutant concentrations vary during a precipitation event from high values to low values depending on when dischargers collect samples during storm events. Storm events and stormwater discharges are inherently complex systems. Storms may be isolated or part of

a pattern of storm events, and the duration and intensity of each storm event are highly variable.

The complexity of storm events results in great difficulty in defining critical conditions of the receiving water. Storm events affect the characteristics of both the stormwater discharge and the receiving water body. As storms progress the properties of the receiving water change considerably. For example, a predominately ground water fed stream may, to a varying extent, become stormwater dominated. Similarly, the quality of the stormwater discharge changes as the spectrum of pollutants mobilized during the storm event changes. As the storm event progresses biota in the receiving water may be exposed to changing patterns of acute and chronic conditions.

Due to the variability of storm events and characteristics of site stormwater discharges, Ecology has not determined how to assess the critical condition of a receiving water body. After the beginning of a storm event the hardness of receiving water may sharply decrease, depending on the intensity and duration of the storm. Metals toxicity is related receiving water hardness, generally as hardness increases the toxicity decreases. . The magnitude and duration of receiving water hardness changes depend upon the characteristics of the site and the receiving water.

A reasonable potential analysis to determine exceedances of water quality standards for individual stormwater facility discharges is very difficult to conduct, given the variability of pollutant concentrations, stormwater, and the receiving water during a storm event for an individual site. Further, such an analysis would require each permittee to conduct a receiving water study. This would be extremely costly for the permittee.

Further, with approximately 200 permittees discharging to impaired waters, Ecology would be faced with a considerable workload in reviewing and approving the studies for which it does not have the resources. This level of effort would not be warranted for facilities under a general permit. Ultimately Ecology would need to require these permittees to seek an individual permit. Even with the higher individual permit fees, the effort would be onerous and slow.

OPTION 2: ESTABLISH POLLUTANT-SPECIFIC WATER QUALITY BASED NUMERIC EFFLUENT LIMITS BY APPLYING THE WATER QUALITY CRITERIA AT THE POINT OF DISCHARGE

RCW 90.48.555(7)(a) requires Ecology to develop numeric water quality based effluent limits for discharges to 303(d) listed waters prior to May 1, 2009 to allow permittees time to comply with the limits.

This option would establish the criterion (or a surrogate) as the effluent limits on the basis that discharge at the criterion would not cause or contribute to further degradation of the listed water body. The concentration in the stormwater discharging from the site would need to remain at or below the criterion (i.e., the effluent limit).

One alternative to this strict application was identified by the ISWGP external advisory committee. They suggested that Ecology could use the approach in the existing

Construction Stormwater General Permit. Under that permit, the benchmark becomes an effluent limit only when and if the facility exceeds the benchmark (set at the same concentration) one time. This would allow those permittees that do not exceed the benchmarks proposed in the draft permit to continue to use the adaptive management approach. It would also provide time for the permittees to assess their probability of exceeding the benchmark (and thereby invoking a limit) and preparing to implement treatment BMPs.

If pollutants cannot be controlled by operational or source control BMPs, treatment BMPs would offer the permittee the only alternative to meeting effluent limits. Treatment BMPs can be extremely costly depending on the pollutant requiring removal, the size of the facility, the size of storm events, availability of land on or adjacent to the facility.

Because of the costs, Ecology recommends that the water quality-based benchmark becomes an effluent limit only when and if the facility exceeds the benchmark. This will allow facilities discharging to listed waters to implement all available operational and source control BMPs to reduce the likelihood of exceeding the benchmark to the maximum extent possible.

OPTION 3: CONTINUE WITH NARRATIVE LIMITS FOR DISCHARGES TO 303(D) LISTED WATERS AS DESCRIBED IN THE DRAFT ISWGP

Ecology could continue to rely on narrative limits for discharges to 303(d) listed waters using the adaptive management strategy described in the draft ISWGP. The permit's adaptive management strategy prescribes implementation of BMPs, monitoring against benchmarks, and corrective actions.

Ecology maintains that discharges below benchmarks set at the water quality criteria will meet water quality standards. The 6415 report supported this assumption that permittees will meet water quality standards when benchmark levels are not exceeded.

While benchmarks set at the criteria will not cause or contribute to further water quality degradation of impaired waters, this approach does not meet the legislative intent or requirements of the RCW 90.48.555 (7) (a) because the narrative standard does not provide a numeric limit. This option would require Ecology to seek a legislative amendment to RCW 90.40.555.

OPTION 4: REQUEST AN EXTENSION TO THE DEADLINE FROM 2009 UNTIL 2013

The final option, a deadline extension, would require legislative action. Such an extension, if granted, should be for the five-year permit cycle, until 2013. This period would allow Ecology to establish protocols for determining reasonable potential for 1) stormwater discharges and 2) for groups of facilities. The extension would also allow permittees and Ecology to gather additional stormwater monitoring data. Ecology could enhance its understanding of acute and chronic conditions during stormwater events. However, unless the extension also provides additional resources for such studies, Ecology will not likely have sufficient data or protocols to perform a reasonable potential analysis for stormwater dischargers to 303(d) listed waters. Without additional resources,

Ecology would face the same options as now.

Other Options?????

Facility	City	Water Body Name	Parameter
FOSECO METALLURGICAL INC	CHEHALIS	CHEHALIS RIVER	PHOSPHORUS, TOTAL (AS P)
ADM SWEETENERS	PUYALLUP	PUYALLUP RIVER	PHOSPHORUS, TOTAL (AS P)
	PUYALLUP	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
CEDARVILLE LANDFILL	BELLINGHAM	NOOKSACK RIVER	NITROGEN, AMMONIA TOTAL (AS N)
WEYERHAEUSER CO UNION GAP	UNION GAP	YAKIMA RIVER	TURBIDITY
MILNE FRUIT PRODUCTS INC	PROSSER	YAKIMA RIVER	TURBIDITY
DEL MONTE CORPORATION PLANT 125	YAKIMA	WIDE HOLLOW CREEK	TURBIDITY
STAR TRANSPORT TRAILERS INC	SUNNYSIDE	SULPHER CREEK WASTEWAY	TURBIDITY
CONAGRA FOODS LAMB WESTON PROSSER	PROSSER	YAKIMA RIVER	TURBIDITY
CHINOOK INDUSTRIAL PARK	UNION GAP	YAKIMA RIVER	TURBIDITY
PW EAGLE INC SUNNYSIDE	SUNNYSIDE	YAKIMA RIVER	TURBIDITY
MICHELSSEN PACKAGING YAK	YAKIMA	YAKIMA RIVER	TURBIDITY
HORIZON AIR YAKIMA AIR TERMINAL	YAKIMA	SPRING CREEK	TURBIDITY
BEN FRANKLIN TRANSIT	RICHLAND	YAKIMA RIVER	TURBIDITY
KENYON ZERO STORAGE INC	GRANDVIEW	YAKIMA RIVER	TURBIDITY
LTI INC	SUNNYSIDE	SULPHER CREEK WASTEWAY	TURBIDITY
SHOEMAKER MFG CO CLE ELUM	CLE ELUM	YAKIMA RIVER	TURBIDITY
COLUMBIA BASIN RAILROAD CO YAKIMA	YAKIMA	YAKIMA RIVER	TURBIDITY
JOHNSON CONCENTRATES	SUNNYSIDE	YAKIMA RIVER	TURBIDITY
CANAM/SUN STEEL BUILDINGS	SUNNYSIDE	YAKIMA RIVER	TURBIDITY
GIRARD WOOD PRODUCTS	PUYALLUP	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
KML CORPORATION	TACOMA (WRIA 10)	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
MILLER SHINGLE CO YARD 3	MARYSVILLE	SNOHOMISH RIVER	BOD, 5-DAY (20 DEG. C)
WILLAMETTE VALLEY COMPANY	CENTRALIA	SKOOKUMCHUCK RIVER	BOD, 5-DAY (20 DEG. C)
FOSECO METALLURGICAL INC	CHEHALIS	CHEHALIS RIVER	BOD, 5-DAY (20 DEG. C)
DUNLAP TOWING CHIP RELOAD MARYSVILL	MARYSVILLE	SNOHOMISH RIVER	BOD, 5-DAY (20 DEG. C)
CASCADE HARDWOOD LLC	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)
NEPA PALLET AND CONTAINER CO INC	SNOHOMISH	UNNAMED	BOD, 5-DAY (20 DEG. C)
NEW TACOMA BOX CO	TACOMA (WRIA 10)	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
WILLIS ENTERPRISES	OAKVILLE	CHEHALIS RIVER	BOD, 5-DAY (20 DEG. C)
MCFARLAND CASCADE CURTIS POLE	CURTIS	SOUTH FORK CHEHALIS RIVER	BOD, 5-DAY (20 DEG. C)
SHELTON LAM AND DECK	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)
SEATTLE SNOHOMISH MILL CO INC	SNOHOMISH	SNOHOMISH RIVER	BOD, 5-DAY (20 DEG. C)
AIR PRODUCTS MANUFACTURING CORP	PUYALLUP	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
WOLFKILL FEED AND FERTILIZER MON	MONROE	WOODS CREEK	BOD, 5-DAY (20 DEG. C)
CANYON LUMBER CO INC	EVERETT	SNOHOMISH RIVER	BOD, 5-DAY (20 DEG. C)

PREMIER BUILDING SYSTEMS	FIFE	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
LEWIS CO WORK OPPORTUNITY	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)
MURPHY VENEER ELMA DIVISION	ELMA	WILDCAT CREEK	BOD, 5-DAY (20 DEG. C)
ADM SWEETENERS	PUYALLUP	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
HARDEL MUTUAL PLYWOOD CORP CHEHALIS	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)
WAYNE DALTON CORP	CENTRALIA	UNNAMED	BOD, 5-DAY (20 DEG. C)
RIVERSIDE TOPSOIL	SNOHOMISH	SNOHOMISH RIVER	BOD, 5-DAY (20 DEG. C)
CHEHALIS LAM INC	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)
WEYERHAEUSER SNOQUALMIE	SNOQUALMIE	SNOQUALMIE RIVER	BOD, 5-DAY (20 DEG. C)
CASCADE WAREHOUSE COMPANY	CHEHALIS	COAL CREEK	BOD, 5-DAY (20 DEG. C)
UPS EVERETT	EVERETT	NORTH CREEK	COLIFORM, FECAL
WEYERHAEUSER CO UNION GAP	UNION GAP	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
MILNE FRUIT PRODUCTS INC	PROSSER	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
DEL MONTE CORPORATION PLANT 125	YAKIMA	WIDE HOLLOW CREEK	SOLIDS, TOTAL SUSPENDED
STAR TRANSPORT TRAILERS INC	SUNNYSIDE	SULPHER CREEK WASTEWAY	SOLIDS, TOTAL SUSPENDED
CONAGRA FOODS LAMB WESTON PROSSER	PROSSER	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
CHINOOK INDUSTRIAL PARK	UNION GAP	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
PW EAGLE INC SUNNYSIDE	SUNNYSIDE	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
MICHELSEN PACKAGING YAK	YAKIMA	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
HORIZON AIR YAKIMA AIR TERMINAL	YAKIMA	SPRING CREEK	SOLIDS, TOTAL SUSPENDED
BEN FRANKLIN TRANSIT	RICHLAND	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
KENYON ZERO STORAGE INC	GRANDVIEW	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
LTI INC	SUNNYSIDE	SULPHER CREEK WASTEWAY	SOLIDS, TOTAL SUSPENDED
SHOEMAKER MFG CO CLE ELUM	CLE ELUM	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
COLUMBIA BASIN RAILROAD CO YAKIMA	YAKIMA	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
JOHNSON CONCENTRATES	SUNNYSIDE	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
CANAM/SUN STEEL BUILDINGS	SUNNYSIDE	YAKIMA RIVER	SOLIDS, TOTAL SUSPENDED
KRAUSE MFG INC	BELLINGHAM	TENMILE CREEK	COLIFORM, FECAL
WASTE MANAGEMENT NORTHWEST BOTHELL	BOTHELL	UNNAMED	COLIFORM, FECAL
WILLIS ENTERPRISES	OAKVILLE	CHEHALIS RIVER	COLIFORM, FECAL
HANNEGAN PROPERTIES LLC	BELLINGHAM	TENMILE CREEK	COLIFORM, FECAL
MIKES WELDING OLYMPIA	OLYMPIA (WRIA 23)	TROSPER LAKE	COLIFORM, FECAL
OLYMPIC VIEW SANITARY LANDFILL	PORT ORCHARD	UNION RIVER	COLIFORM, FECAL
WAYNE DALTON CORP	CENTRALIA	UNNAMED	COLIFORM, FECAL
FEDERAL EXPRESS PWT STATION	PORT ORCHARD	EAST FORK UNION RIVER	COLIFORM, FECAL
CASCADE AUTO WRECKING INC	BOTHELL	NORTH CREEK	COLIFORM, FECAL
VERBEEK WRECKING	BOTHELL	UNNAMED	COLIFORM, FECAL

FIBREX CORP	BURLINGTON	GAGES SLOUGH	COLIFORM, FECAL
LTI INC	LYNDEN	FISHTRAP CREEK	COLIFORM, FECAL
MCPAUL MACHINE WORKS INC	CENTRALIA	CHEHALIS RIVER	COLIFORM, FECAL
BELL LUMBER AND POLE CO	CONWAY	UNNAMED	COLIFORM, FECAL
COMMERCIAL COLD STORAGE	MOUNT VERNON	SKAGIT RIVER	COLIFORM, FECAL
WILLIAMS SCOTSMAN INC	MARYSVILLE	QUILCEDA CREEK	COLIFORM, FECAL
LAND O LAKES FARMLAND FEED LLC	EVERSON	SMITH CREEK	COLIFORM, FECAL
PENTZ DESIGN PATTERN + FOUNDRY INC	DUVALL	SNOQUALMIE RIVER	COLIFORM, FECAL
WILLAMETTE VALLEY COMPANY	CENTRALIA	SKOOKUMCHUCK RIVER	COLIFORM, FECAL
WEYERHAEUSER BAY CITY SORTING YARD	ABERDEEN	CHEHALIS RIVER	COLIFORM, FECAL
SIDELINE AUTO WRECKING INC	ABERDEEN	ELLIOT SLOUGH	COLIFORM, FECAL
SAUDER WOOD PRODUCTS INC	FERNDALE	NOOKSACK RIVER	COLIFORM, FECAL
FOSECO METALLURGICAL INC	CHEHALIS	CHEHALIS RIVER	COLIFORM, FECAL
ISG RESOURCES INC CENTRALIA	CENTRALIA	SKOOKUMCHUCK RIVER	COLIFORM, FECAL
PACIFIC VENEER LTD	ABERDEEN	CHEHALIS RIVER	COLIFORM, FECAL
HAMPTON DRYING CO - MORTON	MORTON	JOHNSON CREEK	COLIFORM, FECAL
ANDERSON AND MIDDLETON LUMBER CO	HOQUIAM	CHEHALIS RIVER	COLIFORM, FECAL
WEYERHAEUSER WA TRUCK OPERATIONS	CHEHALIS	NEWAUKUM RIVER	COLIFORM, FECAL
FLUKE CORPORATION EVERGREEN WAY	EVERETT	NORTH CREEK	COLIFORM, FECAL
ELMA TRUCK & TRAILER INC	HOQUIAM	CHEHALIS RIVER	COLIFORM, FECAL
BNSF RAILWAY COMPANY EVERETT	EVERETT	SNOHOMISH RIVER	COLIFORM, FECAL
LIDLAW TRANSIT TENINO	TENINO	SCATTER CREEK	COLIFORM, FECAL
ALSIDE WINDOWS NW	BOTHELL	UNNAMED	COLIFORM, FECAL
DRAPER VALLEY FARMS MOUNT VERNON	MOUNT VERNON	UNNAMED	COLIFORM, FECAL
DARIGOLD LYNDEN PLANT	LYNDEN	FISHTRAP CREEK	COLIFORM, FECAL
AMERICOLD CORP BURLINGTON	BURLINGTON	GAGES SLOUGH	COLIFORM, FECAL
AN WEST	MOUNT VERNON	FISHER CREEK	COLIFORM, FECAL
CASCADE HARDWOOD LLC	CHEHALIS	DILLENBAUGH CREEK	COLIFORM, FECAL
M AND M TRANSPORT INC	CHEHALIS	NEWAUKUM RIVER	COLIFORM, FECAL
ABERDEEN SANITARY LANDFILL	ABERDEEN	ELLIOT SLOUGH	COLIFORM, FECAL
	ABERDEEN	VAN WINKLE CREEK	COLIFORM, FECAL
STAFFORD CREEK LANDFILL	ABERDEEN	STAFFORD CREEK	COLIFORM, FECAL
NEPA PALLET AND CONTAINER CO INC	SNOHOMISH	UNNAMED	COLIFORM, FECAL
SINGLETON'S RV SALVAGE AND SALES	ROCHESTER	UNNAMED	COLIFORM, FECAL
PRYOR GIGGEY CO	CHEHALIS	DILLENBAUGH CREEK	COLIFORM, FECAL
LARRY'S AUTO AND TRUCK PARTS INC	BURLINGTON	GAGES SLOUGH	COLIFORM, FECAL
ELENBAAS CO INC 411 W FRONT ST	SUMAS	JOHNSON CREEK	COLIFORM, FECAL

PORT OF GRAYS HARBOR	ABERDEEN	CHEHALIS RIVER	COLIFORM, FECAL
PT OF GRAYS HARBOR EQUIP MAINT COMP	ABERDEEN	CHEHALIS RIVER	COLIFORM, FECAL
BREMERTON NATIONAL AIRPORT + OVIP	PORT ORCHARD	NORTH EAST FORK UNION RIVER	COLIFORM, FECAL
WEYERHAEUSER ABERDEEN SAWMILL	ABERDEEN	CHEHALIS RIVER	COLIFORM, FECAL
MCFARLAND CASCADE CURTIS POLE	CURTIS	SOUTH FORK CHEHALIS RIVER	COLIFORM, FECAL
SHELTON LAM AND DECK	CHEHALIS	DILLENBAUGH CREEK	COLIFORM, FECAL
QUIL CEDA AUTO WRECKING	MARYSVILLE	QUILCEDA CREEK	COLIFORM, FECAL
CONRAD INDUSTRIES	CHEHALIS	DILLENBAUGH CREEK	COLIFORM, FECAL
CEDARVILLE LANDFILL	BELLINGHAM	NOOKSACK RIVER	COLIFORM, FECAL
FEDERAL EXPRESS PAE BOTHELL	BOTHELL	NORTH CREEK	COLIFORM, FECAL
WHATCOM FARMERS COOP	LYNDEN	FISHTRAP CREEK	COLIFORM, FECAL
WOLFKILL FEED AND FERTILIZER MON	MONROE	WOODS CREEK	COLIFORM, FECAL
GUNDERSON RAIL SERVICES	CHEHALIS	DILLENBAUGH CREEK	COLIFORM, FECAL
DAN HULL DIST INC	CENTRALIA	COFFEE CREEK	COLIFORM, FECAL
MARYS RIVER LUMBER	MONTESANO	CHEHALIS RIVER	COLIFORM, FECAL
TIMBERLAND OPPORTUNITIES	ABERDEEN	CHEHALIS RIVER	COLIFORM, FECAL
EMERY ENTERPRISES	ABERDEEN	CHARLEY CREEK	COLIFORM, FECAL
HOQUIAM PLYWOOD CO INC	HOQUIAM	EAST FORK HOQUIAM RIVER	COLIFORM, FECAL
DON L ENTUS LOG ROAD CONST CTR	ABERDEEN	CHEHALIS RIVER	COLIFORM, FECAL
QUIL CEDA TANNING CO INC	MARYSVILLE	QUILCEDA CREEK	COLIFORM, FECAL
DESTICON TRANSPORTATION INC	SUMAS	JOHNSON CREEK	COLIFORM, FECAL
ABERDEEN AUTO WRECKING	ABERDEEN	CHARLEY CREEK	COLIFORM, FECAL
SKAGIT RIVER STEEL & SUPPLY INC	BURLINGTON	GAGES SLOUGH	COLIFORM, FECAL
LEWIS CO WORK OPPORTUNITY	CHEHALIS	DILLENBAUGH CREEK	COLIFORM, FECAL
OXBO INTERNATIONAL CORP	LYNDEN	UNNAMED	COLIFORM, FECAL
CLASSIC CARS LTD DBA I 5 AUTO PARTS	CHEHALIS	UNNAMED	COLIFORM, FECAL
APEX ENVIRONMENTAL INC HOQUIAM	HOQUIAM	CHEHALIS RIVER	COLIFORM, FECAL
SNAPCO INCORP HUMPTULIPS	HUMPTULIPS	HUMPTULIPS RIVER	COLIFORM, FECAL
ATLAS CASTINGS & TECHNOLOGY	CHEHALIS	DILLENBAUGH CREEK	COLIFORM, FECAL
ROGNLIN'S CONC + ASPHALT RECYC ABER	ABERDEEN	CHARLEY CREEK	COLIFORM, FECAL
EXPRESS PIPE AND PRECAST	PORT ORCHARD	NORTH EAST FORK UNION RIVER	COLIFORM, FECAL
EASTSIDE MASONRY PRODUCTS MONROE	MONROE	UNNAMED	COLIFORM, FECAL
IKAN AUTO WRECKING	MONTESANO	UNNAMED	COLIFORM, FECAL
PUGET SOUND WOOD PRODUCTS HIDDEN VA	MONTESANO	HIGGINS SLOUGH	COLIFORM, FECAL
IKO PACIFIC INC SUMAS	SUMAS	JOHNSON CREEK	COLIFORM, FECAL
ROMAC INDUSTRIES BOTHELL	BOTHELL	NORTH CREEK	COLIFORM, FECAL
CHEHALIS LAM INC	CHEHALIS	DILLENBAUGH CREEK	COLIFORM, FECAL

WEYERHAEUSER SNOQUALMIE	SNOQUALMIE	SNOQUALMIE RIVER	COLIFORM, FECAL
DHL EXPRESS BOTHELL	BOTHELL	NORTH CREEK	COLIFORM, FECAL
ASSOCIATED PETROLEUM PRO ENUMCLAW	ENUMCLAW	BOISE CREEK	COLIFORM, FECAL
TWIN CITY SALE	CENTRALIA	SALZER CREEK	COLIFORM, FECAL
WASTE MGMT SKAGIT CO HAULING	BURLINGTON	UNNAMED	COLIFORM, FECAL
GRAYS HARBOR CENTRAL TRANSFER	ABERDEEN	VAN WINKLE CREEK	COLIFORM, FECAL
HAROLD LEMAY ENT MAINT SHOP	ABERDEEN	VAN WINKLE CREEK	COLIFORM, FECAL
TOLT TREATMENT FACILITY	DUVALL	STOSSEL CREEK	COLIFORM, FECAL
	DUVALL	TOLT RIVER	COLIFORM, FECAL
WALSH TRUCKING CO LTD NAPA	NAPAVINE	UNNAMED	COLIFORM, FECAL
CBI SERVICES	EVERETT	UNNAMED	COLIFORM, FECAL
CASCADE WAREHOUSE COMPANY	CHEHALIS	COAL CREEK	COLIFORM, FECAL
PACIFIC TOPSOILS MALBY	WOODINVILLE	BEAR CREEK	COLIFORM, FECAL
UNITED PARCEL SERVICE CHEHALIS	CHEHALIS	NEWAUKUM RIVER	COLIFORM, FECAL
SORENSEN TRANSPORT COMPANY, INC	CHEHALIS	CHEHALIS RIVER	COLIFORM, FECAL
PULLMAN, CITY OF TRANSIT FACILITY	PULLMAN	SOUTH FORK PALOUSE RIVER	COLIFORM, FECAL
PULLMAN CITY WWTP	PULLMAN	SOUTH FORK PALOUSE RIVER	COLIFORM, FECAL
TERMINAL 2 TRANSLOADING FACILITY	ABERDEEN	CHEHALIS RIVER	COLIFORM, FECAL
WILLIS ENTERPRISES BARGE SITE	ABERDEEN	CHEHALIS RIVER	COLIFORM, FECAL
KC TRUCK PARTS INC	CHEHALIS	UNNAMED	COLIFORM, FECAL
TORGERSON 4 X 4	WINLOCK	STEARNS CREEK	COLIFORM, FECAL
PAPAC LOGGING	HOQUIAM	HOQUIAM RIVER	COLIFORM, FECAL
DK TRUCKING WILLIS ENT HOQUIAM	HOQUIAM	HOQUIAM RIVER	COLIFORM, FECAL
SWEATMAN TRUCK SHOP 1020 SIMPSON	HOQUIAM	HOQUIAM RIVER	COLIFORM, FECAL
CASCADE AUTO WRECKING INC	BOTHELL	NORTH CREEK	OXYGEN, DISSOLVED (DO)
SIMON METALS, LLC	TACOMA (WRIA 10)	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
	TACOMA (WRIA 10)	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
	TACOMA (WRIA 10)	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
SOUTH END AUTO WRECKING INC RENTON	RENTON	BLACK RIVER	OXYGEN, DISSOLVED (DO)
	RENTON	UNNAMED	OXYGEN, DISSOLVED (DO)
VERBEEK WRECKING	BOTHELL	UNNAMED	OXYGEN, DISSOLVED (DO)
MCPAUL MACHINE WORKS INC	CENTRALIA	CHEHALIS RIVER	BOD, 5-DAY (20 DEG. C)
	CENTRALIA	CHEHALIS RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	CENTRALIA	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
	CENTRALIA	CHEHALIS RIVER	PHOSPHORUS, TOTAL (AS P)
GIRARD WOOD PRODUCTS	PUYALLUP	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
	PUYALLUP	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)

KML CORPORATION	TACOMA (WRIA 10)	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
	TACOMA (WRIA 10)	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
MILLER SHINGLE CO YARD 3	MARYSVILLE	SNOHOMISH RIVER	NITROGEN, AMMONIA TOTAL (AS N)
LAND O LAKES FARMLAND FEED LLC	EVERSON	SMITH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	EVERSON	SMITH CREEK	OXYGEN, DISSOLVED (DO)
UTILITY VAULT CO	AUBURN	WHITE RIVER	BOD, 5-DAY (20 DEG. C)
	AUBURN	WHITE RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	AUBURN	WHITE RIVER	CHLORINE, TOTAL RESIDUAL
PENTZ DESIGN PATTERN + FOUNDRY INC	DUVALL	SNOQUALMIE RIVER	BOD, 5-DAY (20 DEG. C)
	DUVALL	SNOQUALMIE RIVER	NITROGEN, AMMONIA TOTAL (AS N)
WILLAMETTE VALLEY COMPANY	CENTRALIA	SKOOKUMCHUCK RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	CENTRALIA	SKOOKUMCHUCK RIVER	OXYGEN, DISSOLVED (DO)
	CENTRALIA	SKOOKUMCHUCK RIVER	PHOSPHORUS, TOTAL (AS P)
SAUDER WOOD PRODUCTS INC	FERNDALE	NOOKSACK RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	FERNDALE	NOOKSACK RIVER	OXYGEN, DISSOLVED (DO)
FOSECO METALLURGICAL INC	CHEHALIS	CHEHALIS RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
MUTUAL MATERIAL NEW CASTLE BRICK PL	RENTON	COAL CREEK	OXYGEN, DISSOLVED (DO)
KRAUSE MFG INC	BELLINGHAM	TENMILE CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	BELLINGHAM	TENMILE CREEK	OXYGEN, DISSOLVED (DO)
ISG RESOURCES INC CENTRALIA	CENTRALIA	SKOOKUMCHUCK RIVER	BOD, 5-DAY (20 DEG. C)
	CENTRALIA	SKOOKUMCHUCK RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	CENTRALIA	SKOOKUMCHUCK RIVER	OXYGEN, DISSOLVED (DO)
	CENTRALIA	SKOOKUMCHUCK RIVER	PHOSPHORUS, TOTAL (AS P)
HAMPTON DRYING CO - MORTON	MORTON	JOHNSON CREEK	OXYGEN, DISSOLVED (DO)
ANDERSON AND MIDDLETON LUMBER CO	HOQUIAM	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
UPS EVERETT	EVERETT	NORTH CREEK	OXYGEN, DISSOLVED (DO)
WEYERHAEUSER WA TRUCK OPERATIONS	CHEHALIS	NEWAUKUM RIVER	BOD, 5-DAY (20 DEG. C)
	CHEHALIS	NEWAUKUM RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	NEWAUKUM RIVER	OXYGEN, DISSOLVED (DO)
	CHEHALIS	NEWAUKUM RIVER	PHOSPHORUS, TOTAL (AS P)
FLUKE CORPORATION EVERGREEN WAY	EVERETT	NORTH CREEK	OXYGEN, DISSOLVED (DO)
ELMA TRUCK & TRAILER INC	HOQUIAM	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
BNSF RAILWAY COMPANY EVERETT	EVERETT	SNOHOMISH RIVER	BOD, 5-DAY (20 DEG. C)
	EVERETT	SNOHOMISH RIVER	NITROGEN, AMMONIA TOTAL (AS N)
LIDLAW TRANSIT TENINO	TENINO	SCATTER CREEK	BOD, 5-DAY (20 DEG. C)
	TENINO	SCATTER CREEK	NITROGEN, AMMONIA TOTAL (AS N)

	TENINO	SCATTER CREEK	OXYGEN, DISSOLVED (DO)
	TENINO	SCATTER CREEK	PHOSPHORUS, TOTAL (AS P)
ALSIDE WINDOWS NW	BOTHELL	UNNAMED	OXYGEN, DISSOLVED (DO)
JEFFERSON SMURFIT CORPORATION US	RENTON	BLACK RIVER	OXYGEN, DISSOLVED (DO)
DUNLAP TOWING CHIP RELOAD MARYSVILL	MARYSVILLE	SNOHOMISH RIVER	NITROGEN, AMMONIA TOTAL (AS N)
WASTE MANAGEMENT NORTHWEST BOTHELL	BOTHELL	UNNAMED	OXYGEN, DISSOLVED (DO)
CASCADE HARDWOOD LLC	CHEHALIS	DILLENBAUGH CREEK	PHOSPHORUS, TOTAL (AS P)
	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
M AND M TRANSPORT INC	CHEHALIS	NEWAUKUM RIVER	OXYGEN, DISSOLVED (DO)
	CHEHALIS	NEWAUKUM RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	NEWAUKUM RIVER	PHOSPHORUS, TOTAL (AS P)
	CHEHALIS	NEWAUKUM RIVER	BOD, 5-DAY (20 DEG. C)
TACOMA CENTRAL NO. 1	TACOMA (WRIA 10)	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
	TACOMA (WRIA 10)	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	TACOMA (WRIA 10)	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
CHAMBERS CREEK WWTP	UNIVERSITY PLACE	CHAMBERS CREEK	COPPER, TOTAL (AS CU)
NEPA PALLET AND CONTAINER CO INC	SNOHOMISH	UNNAMED	NITROGEN, AMMONIA TOTAL (AS N)
SINGLETON'S RV SALVAGE AND SALES	ROCHESTER	UNNAMED	NITROGEN, AMMONIA TOTAL (AS N)
	ROCHESTER	UNNAMED	PHOSPHORUS, TOTAL (AS P)
	ROCHESTER	UNNAMED	BOD, 5-DAY (20 DEG. C)
PRYOR GIGGEY CO	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)
	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
	CHEHALIS	DILLENBAUGH CREEK	PHOSPHORUS, TOTAL (AS P)
NEW TACOMA BOX CO	TACOMA (WRIA 10)	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	TACOMA (WRIA 10)	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
ELENBAAS CO INC 411 W FRONT ST	SUMAS	JOHNSON CREEK	OXYGEN, DISSOLVED (DO)
WILLIS ENTERPRISES	OAKVILLE	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
	OAKVILLE	CHEHALIS RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	OAKVILLE	CHEHALIS RIVER	PHOSPHORUS, TOTAL (AS P)
PORT OF GRAYS HARBOR	ABERDEEN	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
PT OF GRAYS HARBOR EQUIP MAINT COMP	ABERDEEN	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
PEARSON METAL SALVAGE INC	TACOMA (WRIA 10)	SWAN CREEK	BOD, 5-DAY (20 DEG. C)
	TACOMA (WRIA 10)	SWAN CREEK	CHLORINE, TOTAL RESIDUAL
	TACOMA (WRIA 10)	SWAN CREEK	NITROGEN, AMMONIA TOTAL (AS N)
MCFARLAND CASCADE CURTIS POLE	CURTIS	SOUTH FORK CHEHALIS RIVER	PHOSPHORUS, TOTAL (AS P)

	CURTIS	SOUTH FORK CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
	CURTIS	SOUTH FORK CHEHALIS RIVER	NITROGEN, AMMONIA TOTAL (AS N)
SHELTON LAM AND DECK	CHEHALIS	DILLENBAUGH CREEK	PHOSPHORUS, TOTAL (AS P)
	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
SEATTLE SNOHOMISH MILL CO INC	SNOHOMISH	SNOHOMISH RIVER	NITROGEN, AMMONIA TOTAL (AS N)
QUIL CEDA AUTO WRECKING	MARYSVILLE	QUILCEDA CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	MARYSVILLE	QUILCEDA CREEK	BOD, 5-DAY (20 DEG. C)
UNION PACIFIC RR FIFE	FIFE	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
	FIFE	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	FIFE	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
COMMENCEMENT BAY CORRUGATED	ORTING	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
	ORTING	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
	ORTING	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
VALSPAR CORP	SEATTLE	BLACK RIVER	OXYGEN, DISSOLVED (DO)
AIR PRODUCTS MANUFACTURING CORP	PUYALLUP	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
PCCC INDUSTRIAL YARD	BLACK DIAMOND	ROCK CREEK	OXYGEN, DISSOLVED (DO)
HANNEGAN PROPERTIES LLC	BELLINGHAM	TENMILE CREEK	OXYGEN, DISSOLVED (DO)
	BELLINGHAM	TENMILE CREEK	NITROGEN, AMMONIA TOTAL (AS N)
CONRAD INDUSTRIES	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)
	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
	CHEHALIS	DILLENBAUGH CREEK	PHOSPHORUS, TOTAL (AS P)
SAFETY KLEEN SYSTEMS INC LYNNWOOD	LYNNWOOD	MCALEER CREEK	PHOSPHORUS, TOTAL (AS P)
CEDARVILLE LANDFILL	BELLINGHAM	NOOKSACK RIVER	OXYGEN, DISSOLVED (DO)
FEDERAL EXPRESS PAE BOTHELL	BOTHELL	NORTH CREEK	OXYGEN, DISSOLVED (DO)
WOLFKILL FEED AND FERTILIZER MON	MONROE	WOODS CREEK	NITROGEN, AMMONIA TOTAL (AS N)
CANYON LUMBER CO INC	EVERETT	SNOHOMISH RIVER	NITROGEN, AMMONIA TOTAL (AS N)
I P CALLISON AND SONS	CHEHALIS	SALZER CREEK	OXYGEN, DISSOLVED (DO)
PRECISION MACHINE WORKS INC	TACOMA (WRIA 10)	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
	TACOMA (WRIA 10)	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
	TACOMA (WRIA 10)	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	TACOMA (WRIA 10)	PUYALLUP RIVER	NITROGEN, TOTAL (AS N)
PREMIER BUILDING SYSTEMS	FIFE	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
	FIFE	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
RACEWAY TECHNOLOGY	TACOMA (WRIA 10)	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	TACOMA (WRIA 10)	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL

	TACOMA (WRIA 10)	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
GUNDERSON RAIL SERVICES	CHEHALIS	DILLENBAUGH CREEK	PHOSPHORUS, TOTAL (AS P)
	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)
DAN HULL DIST INC	CENTRALIA	COFFEE CREEK	PHOSPHORUS, TOTAL (AS P)
	CENTRALIA	COFFEE CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CENTRALIA	COFFEE CREEK	BOD, 5-DAY (20 DEG. C)
SNOHOMISH CNTY SW TRANSFER STATION	MOUNTLAKE TERRACE	MCALEER CREEK	PHOSPHORUS, TOTAL (AS P)
MARYS RIVER LUMBER	MONTESANO	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
DON L ENTUS LOG ROAD CONST CTR	ABERDEEN	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
QUIL CEDA TANNING CO INC	MARYSVILLE	QUILCEDA CREEK	BOD, 5-DAY (20 DEG. C)
	MARYSVILLE	QUILCEDA CREEK	NITROGEN, AMMONIA TOTAL (AS N)
DESTICON TRANSPORTATION INC	SUMAS	JOHNSON CREEK	OXYGEN, DISSOLVED (DO)
LEWIS CO WORK OPPORTUNITY	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
	CHEHALIS	DILLENBAUGH CREEK	PHOSPHORUS, TOTAL (AS P)
OXBO INTERNATIONAL CORP	LYNDEN	UNNAMED	NITROGEN, AMMONIA TOTAL (AS N)
	LYNDEN	UNNAMED	OXYGEN, DISSOLVED (DO)
CLASSIC CARS LTD DBA I 5 AUTO PARTS	CHEHALIS	UNNAMED	BOD, 5-DAY (20 DEG. C)
	CHEHALIS	UNNAMED	PHOSPHORUS, TOTAL (AS P)
	CHEHALIS	UNNAMED	NITROGEN, AMMONIA TOTAL (AS N)
MIKES WELDING OLYMPIA	OLYMPIA (WRIA 23)	TROSPER LAKE	BOD, 5-DAY (20 DEG. C)
	OLYMPIA (WRIA 23)	TROSPER LAKE	OXYGEN, DISSOLVED (DO)
	OLYMPIA (WRIA 23)	TROSPER LAKE	NITROGEN, AMMONIA TOTAL (AS N)
	OLYMPIA (WRIA 23)	TROSPER LAKE	PHOSPHORUS, TOTAL (AS P)
APEX ENVIRONMENTAL INC HOQUIAM	HOQUIAM	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
ALUMINITE NORTHWEST	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)
	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
	CHEHALIS	DILLENBAUGH CREEK	PHOSPHORUS, TOTAL (AS P)
ALLIED WASTE OF LYNNWOOD	LYNNWOOD	MCALEER CREEK	PHOSPHORUS, TOTAL (AS P)
KING COUNTY SOUTH TREATMENT PLANT	RENTON	BLACK RIVER	OXYGEN, DISSOLVED (DO)
GOLDEN STATE FOODS SUMNER	SUMNER	WHITE RIVER	BOD, 5-DAY (20 DEG. C)
	SUMNER	WHITE RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	SUMNER	WHITE RIVER	CHLORINE, TOTAL RESIDUAL
ATLAS CASTINGS & TECHNOLOGY	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)

	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	DILLENBAUGH CREEK	PHOSPHORUS, TOTAL (AS P)
SPECIALTY WOOD MFS	TACOMA (WRIA 10)	SWAN CREEK	BOD, 5-DAY (20 DEG. C)
	TACOMA (WRIA 10)	SWAN CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	TACOMA (WRIA 10)	SWAN CREEK	CHLORINE, TOTAL RESIDUAL
EASTSIDE MASONRY PRODUCTS MONROE	MONROE	UNNAMED	BOD, 5-DAY (20 DEG. C)
	MONROE	UNNAMED	NITROGEN, AMMONIA TOTAL (AS N)
HARDEL MUTUAL PLYWOOD CORP CHEHALIS	CHEHALIS	DILLENBAUGH CREEK	PHOSPHORUS, TOTAL (AS P)
	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
WAYNE DALTON CORP	CENTRALIA	UNNAMED	NITROGEN, AMMONIA TOTAL (AS N)
	CENTRALIA	UNNAMED	PHOSPHORUS, TOTAL (AS P)
IKO PACIFIC INC SUMAS	SUMAS	JOHNSON CREEK	OXYGEN, DISSOLVED (DO)
TACOMA TRANSLOAD INC	TACOMA (WRIA 10)	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	TACOMA (WRIA 10)	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
	TACOMA (WRIA 10)	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
HOBART BAKERY SYSTEMS	ORTING	UNNAMED	NITROGEN, AMMONIA TOTAL (AS N)
	ORTING	UNNAMED	CHLORINE, TOTAL RESIDUAL
	ORTING	UNNAMED	BOD, 5-DAY (20 DEG. C)
RIVERSIDE TOPSOIL	SNOHOMISH	SNOHOMISH RIVER	NITROGEN, AMMONIA TOTAL (AS N)
ROMAC INDUSTRIES BOTHELL	BOTHELL	NORTH CREEK	OXYGEN, DISSOLVED (DO)
CHEHALIS LAM INC	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	DILLENBAUGH CREEK	PHOSPHORUS, TOTAL (AS P)
WEYERHAEUSER SNOQUALMIE	SNOQUALMIE	SNOQUALMIE RIVER	NITROGEN, AMMONIA TOTAL (AS N)
DHL EXPRESS BOTHELL	BOTHELL	NORTH CREEK	OXYGEN, DISSOLVED (DO)
DRAPER VALLEY FARMS RENTON	RENTON	BLACK RIVER	OXYGEN, DISSOLVED (DO)
ASSOCIATED PETROLEUM PRO ENUMCLAW	ENUMCLAW	BOISE CREEK	OXYGEN, DISSOLVED (DO)
	ENUMCLAW	BOISE CREEK	CHLORINE, TOTAL RESIDUAL
	ENUMCLAW	BOISE CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	ENUMCLAW	BOISE CREEK	BOD, 5-DAY (20 DEG. C)
TWIN CITY SALE	CENTRALIA	SALZER CREEK	BOD, 5-DAY (20 DEG. C)
	CENTRALIA	SALZER CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CENTRALIA	SALZER CREEK	OXYGEN, DISSOLVED (DO)
	CENTRALIA	SALZER CREEK	PHOSPHORUS, TOTAL (AS P)
TOLT TREATMENT FACILITY	DUVALL	STOSSEL CREEK	BOD, 5-DAY (20 DEG. C)

	DUVALL	STOSSEL CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	DUVALL	TOLT RIVER	BOD, 5-DAY (20 DEG. C)
	DUVALL	TOLT RIVER	NITROGEN, AMMONIA TOTAL (AS N)
WALSH TRUCKING CO LTD NAPA	NAPAVINE	UNNAMED	BOD, 5-DAY (20 DEG. C)
	NAPAVINE	UNNAMED	NITROGEN, AMMONIA TOTAL (AS N)
	NAPAVINE	UNNAMED	PHOSPHORUS, TOTAL (AS P)
THERMO FLUIDS INC	SUMNER	PUYALLUP RIVER	BOD, 5-DAY (20 DEG. C)
	SUMNER	PUYALLUP RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	SUMNER	PUYALLUP RIVER	CHLORINE, TOTAL RESIDUAL
CBI SERVICES	EVERETT	UNNAMED	BOD, 5-DAY (20 DEG. C)
	EVERETT	UNNAMED	NITROGEN, AMMONIA TOTAL (AS N)
CASCADE WAREHOUSE COMPANY	CHEHALIS	COAL CREEK	OXYGEN, DISSOLVED (DO)
	CHEHALIS	COAL CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	COAL CREEK	PHOSPHORUS, TOTAL (AS P)
PACIFIC METAL FABRICATION	PACIFIC	WHITE RIVER	BOD, 5-DAY (20 DEG. C)
	PACIFIC	WHITE RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	PACIFIC	WHITE RIVER	CHLORINE, TOTAL RESIDUAL
GORDON TRUCKING - PACIFIC TERMINAL	PACIFIC	WHITE RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	PACIFIC	WHITE RIVER	CHLORINE, TOTAL RESIDUAL
	PACIFIC	WHITE RIVER	BOD, 5-DAY (20 DEG. C)
UNITED PARCEL SERVICE CHEHALIS	CHEHALIS	NEWAUKUM RIVER	OXYGEN, DISSOLVED (DO)
	CHEHALIS	NEWAUKUM RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	NEWAUKUM RIVER	BOD, 5-DAY (20 DEG. C)
	CHEHALIS	NEWAUKUM RIVER	PHOSPHORUS, TOTAL (AS P)
SORENSEN TRANSPORT COMPANY, INC	CHEHALIS	CHEHALIS RIVER	BOD, 5-DAY (20 DEG. C)
	CHEHALIS	CHEHALIS RIVER	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
	CHEHALIS	CHEHALIS RIVER	PHOSPHORUS, TOTAL (AS P)
CRESLINE-NORTHWEST LLC	CHEHALIS	DILLENBAUGH CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	DILLENBAUGH CREEK	BOD, 5-DAY (20 DEG. C)
	CHEHALIS	DILLENBAUGH CREEK	OXYGEN, DISSOLVED (DO)
WILLIS ENTERPRISES BARGE SITE	ABERDEEN	CHEHALIS RIVER	OXYGEN, DISSOLVED (DO)
KC TRUCK PARTS INC	CHEHALIS	UNNAMED	BOD, 5-DAY (20 DEG. C)
	CHEHALIS	UNNAMED	NITROGEN, AMMONIA TOTAL (AS N)
	CHEHALIS	UNNAMED	PHOSPHORUS, TOTAL (AS P)
PACIFIC TRUSS-SPAN	TACOMA (WRIA 10)	SWAN CREEK	BOD, 5-DAY (20 DEG. C)
	TACOMA (WRIA 10)	SWAN CREEK	NITROGEN, AMMONIA TOTAL (AS N)

	TACOMA (WRIA 10)	SWAN CREEK	CHLORINE, TOTAL RESIDUAL
TORGERSON 4 X 4	WINLOCK	STEARNS CREEK	NITROGEN, AMMONIA TOTAL (AS N)
	WINLOCK	STEARNS CREEK	BOD, 5-DAY (20 DEG. C)
	WINLOCK	STEARNS CREEK	PHOSPHORUS, TOTAL (AS P)
WEYERHAEUSER HARDWOODS BAXTER YARD	CENTRALIA	SKOOKUMCHUCK RIVER	OXYGEN, DISSOLVED (DO)