

Water Quality Program 2007-2009 Program Plan



**Washington State Department of Ecology
November 2007**

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I. Introduction to the Plan

The Water Quality Program is comprised of approximately 270 staff across the state dedicated to **Protect and Restore Washington's Waters**. Each staff person performs a unique set of activities to support this mission; the collective actions of each individual make the Water Quality Program (Program or WQP) successful.

This Plan summarizes the collective work of each individual. It allows our customers, partners and the citizens of Washington to understand how our cumulative actions support and protect clean water. It establishes a basis of accountability for the effective and efficient management of state resources. It also provides a way for individual staff in the Program to see how their individual efforts combine with others to support our mission.

Activities undertaken by the Program in any given year are driven by the water quality experts in the Program who are guided by state and federal law, agency mission and direction, the Program's long-term Strategic Plan, funding requirements, and the input of a diverse set of public and private stakeholders. This Plan addresses all of these interests.

This Plan attempts to describe the activities of the Program for the next two years. However, given the broad and significant influences on our work, some of our activities cannot be anticipated for the full two years and will need to be identified throughout the duration of this Plan. Other activities will certainly be modified as new information becomes available and our strategies evolve.



II. Program Overview

A. Mission and Goals

The Program's Strategic Plan, revised in April 2005, identified the mission and goals of the Program. The Strategic Plan provides long-term vision and guidelines for the Program. In addition, the Strategic Plan identifies objectives, activities, and challenges for a 12 year period.

Mission

- Protect and Restore Washington's Waters.

Environmental Goals

- Prevent water pollution including aquatic habitat loss, and ensure adequate water quality and quantity to meet beneficial uses.
- Clean up water pollution to restore beneficial uses and aquatic habitat.
- Help communities make sustainable choices that reduce and prevent water quality problems.

Public Service Goals

- Provide water quality partners with technical assistance, financial support, and superior customer service.
- Provide useful information for the public, partners and agency and involve stakeholders in decision-making.
- Support all staff so that we can be successful as an organization and as individuals.

B. Structure

The Program is administratively organized into nine functional groups. Each group develops its own detailed Plan. The Program Plan was prepared by extracting and summarizing the information and commitments contained in those plans. The 9 groups are:

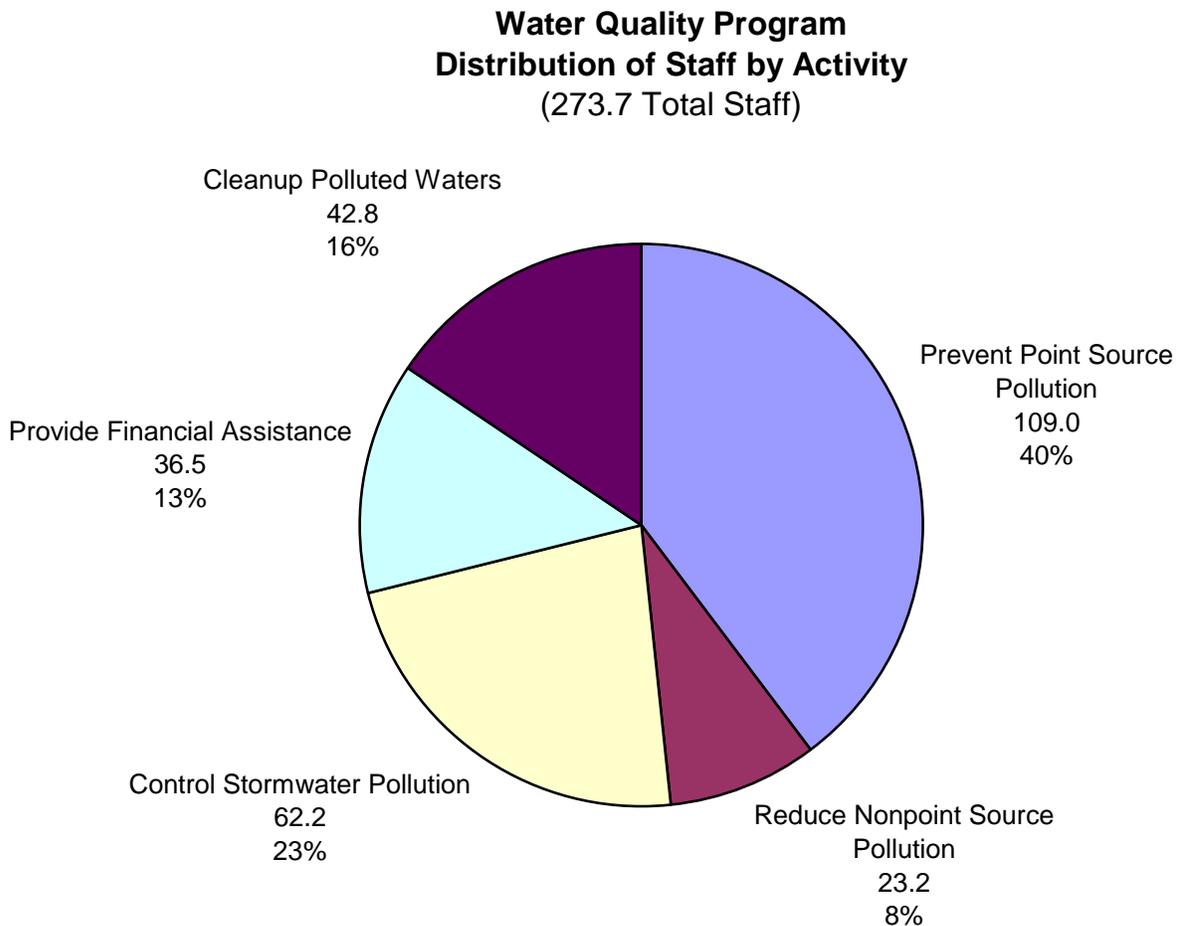
Headquarter Groups: Financial Management Section (FMS)
 Program Development Section (PDS)
 Watershed Management Section (WMS)
 Program Management Organization (PMO)

Regional Groups: Northwest Regional Office (NWRO)
 Southwest Regional Office (SWRO including Vancouver Field Office)
 Eastern Regional Office (ERO)
 Central Regional Office (CRO)
 Bellingham Field Office (BFO)

C. Activities

The purpose of nearly all of the work conducted by the Water Quality Program is to **Prevent Point Source Pollution** or **Reduce Nonpoint Source Pollution**, or a combination of both. However, for planning and reporting purposes, the Program is divided into five major activities. In addition to Point and Nonpoint Pollution Management, three significant areas of work that are common to both Point and Nonpoint Pollution are called out. Those three activities include **Control Stormwater Pollution**, **Provide Financial Assistance**, and **Cleanup Polluted Waters**.

The chart below shows the program’s staffing level for each of the five activities followed by a brief description of each activity. Part III of this Plan titled “Program Activities” lists all the specific actions that will be undertaken within each activity.



1. Prevent Point Source Pollution (excluding Water Cleanup, Stormwater, and Financial Assistance)

The agency regulates discharges of pollutants to surface and ground waters by writing wastewater discharge permits for sewage treatment plants, industrial facilities, and other general categories of wastewater dischargers. A permit is a set of limits, monitoring requirements, and management practices which are designed to ensure that a facility can meet treatment requirements and water quality standards. The Program prepares permits, conducts inspections, and provides assistance for more than 2,300 permit holders (excludes stormwater dischargers). The program will focus its permit efforts on ensuring that toxics, ammonia, and temperature are controlled through permits.

2. Reduce Nonpoint Source Pollution (excluding Water Cleanup, Stormwater, and Financial Assistance)

Nonpoint source pollution (polluted runoff) is the leading cause of water pollution in Washington and poses a major health and economic threat. Nonpoint pollution includes fecal coliform bacteria, elevated water temperature, pesticides, sediments, and nutrients. Sources of pollution include agriculture, forestry, urban and rural growth, habitat alteration and recreation. The Program addresses these problems by raising awareness, encouraging community action, providing funding, and supporting local decision makers. The Program also develops and coordinates implementation of the State's Nonpoint Pollution management Plan.

3. Control Stormwater Pollution

Stormwater is the leading contributor to water quality pollution of urban waterways. Untreated stormwater that has traveled across the landscape is unsafe because it picks up toxic metals, organic compounds, sediment and bacteria. To address this problem, the Program prepares tools, offers assistance and provides compliance pathways for people to control the quantity and quality of stormwater runoff. Permits for municipal, industrial, and construction stormwater activities are issued. Educational and technical information is provided through web sites, guidance documents, workshops, and collaborative work groups.

4. Provide Financial Assistance

The Program provides grants, low-interest loans, and technical assistance to local governments, state agencies, and tribes to help them build, upgrade, repair, or replace facilities to improve and protect water quality. The Program also funds nonpoint source control projects such as watershed planning, stormwater management, education, and agricultural best management practices. Strategic grant and loan assistance is coordinated with other funding agencies.

5. Cleanup Polluted Waters

The federal Clean Water Act requires the agency to develop water quality standards and identify water bodies that fail to meet those standards. The Program completes this identification by reviewing thousands of water quality data samples and publishing a water quality assessment report. The report lists the water bodies that do not meet standards and is sometimes referred to as the "303d" list. The Program then works with local interests to prepare water quality improvement reports (or Total Maximum Daily Loads) to reduce the pollution, establish conditions in discharge permits and nonpoint source management plans, and monitor the effectiveness of implementation.

D. Biennial Highlights

As mentioned above, Part III of this Plan provides all the specific actions that the staff in the Program will undertake over the course of the next year or two for each activity. The following list highlights some of the key actions from Part III.

Prevent Point Source Pollution

- Maintain a low NPDES permit backlog
- Issue permits that
 - Reduce toxic pollutant discharges to water and sediment.
 - Control nutrients.
 - Implement water quality standards for temperature.
 - Implement the new temperature criteria.
 - Implement mixing zone policy changes.
 - Implement program policy consistently.
- Implement regulatory improvement work such as meeting permit timeliness targets
- Improve data management and information sharing systems
- Support the production and use of reclaimed water
- Support development of the Reclaimed Water Rule and associated legislatively mandated reports
- Implement the cruise ship Memorandum of Agreement (MOA)

Reduce Nonpoint Pollution

- Complete Endangered Species Act assurances and work toward Clean Water Act compliance for the Forests and Fish program
- Support the transition of the livestock program to the Department of Agriculture
- Support efforts to improve the water quality in Hood Canal

Control Stormwater Pollution

- Support regional administration of the Municipal Phase 1 and 2 permits.
- Issue and administer the Washington State Department of Transportation Phase 1 and 2 permit.
- Issue the industrial stormwater general permit.
- Inspect industrial and construction stormwater sites with focus on sites not in compliance.

Provide Financial Assistance

- Meet grant/loan timing expectations of local governments
- Maintain a low grant & loan close out backlog
- Capture and illustrate environmental results generated through grants & loans
- Improve the long-term health of the Centennial Account

Cleanup Polluted Waters

- Meet the MOA schedule for Water Quality Improvement Reports and Plans (Total Maximum Daily Loads)
- Develop Use Attainability Analysis Guidance and pilot some UAAs
- Develop 2006 listing guidance and call for data
- Develop alternatives to the Water Quality Improvement Report process (i.e. Water Quality Standards Achievement Program)
- Finalize Spokane River Water Quality Improvement Project
- Complete the Water Quality Standards review process with EPA for our 2003 revisions, and begin the next round of WQS review

E. Key Principles

Incorporated throughout all the core work the Program will undertake, there are certain key principles by which we operate that we would like to call out here.

- **Regulatory Improvement**

Regulatory improvement at Ecology is about continually improving our permitting and regulatory decision-making processes. In order to best protect water quality, we must work collaboratively with citizens, businesses, other programs and other agencies in Washington State. The program is focusing our regulatory improvement efforts on these four areas:

 1. People and Service-Delivery, including use of “Plain Talk” to enhance our communication with our stakeholders.
 2. Permitting and Regulatory Processes, including reducing the time it takes to issue coverage under the construction stormwater general permit for new applications.
 3. Regulatory Integration with other state agencies, such as Transportation, Health, Agriculture, Natural Resources and Fish and Wildlife to better integrate and align permitting and regulatory processes.
 4. Innovation and Partnerships to Achieve Better Outcomes, including working with our partners to be innovative in our approaches for reducing toxic threats and protecting and restoring Puget Sound.
- **Environmental Results**

The Program is committed to directly benefiting the environment. The difference we make on the ground should be considered with each decision we make and weighted heavily in developing solutions. The definition of environmental success should be developed jointly with clients, citizens and stakeholders. Demonstrating our success in this area will be invaluable to the state, our funding partners, and the image of our agency. The Program will support and participate in the Governor’s GMAP process (Government Management, Accountability, and Performance).
- **Watershed Management**

One of the key tools to managing water quality is the use of a watershed-based approach. When possible, the Program will use available watershed planning tools such as the Watershed Planning Act (2514) process and the Puget Sound Partnership’s biennial work

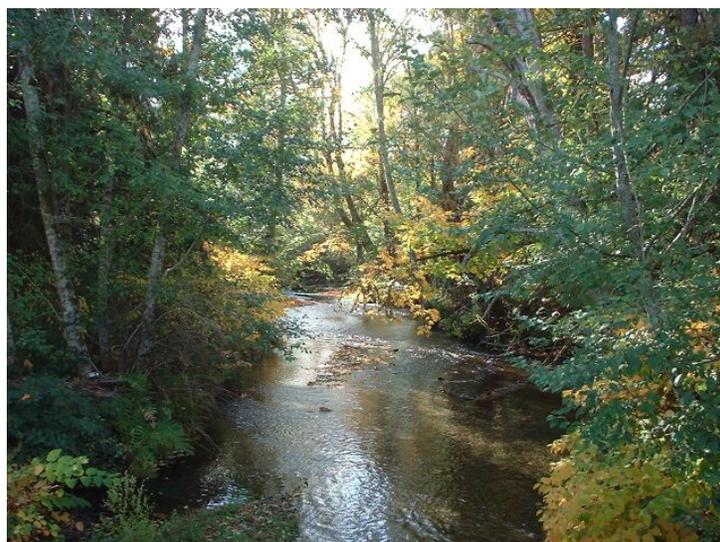
plan. The 2514 process provides a great opportunity to integrate water quality protection efforts into community-based planning. Through the actions identified in this Plan, the Program has committed resources to support Watershed Planning Unit needs such as technical assistance and document review. The coordination, planning, and commitment of these resources occur annually within the Regional Water Management Teams to optimize the timing and scoping of ongoing water quality efforts and available technical resources to support these watershed planning efforts. This practice will also be used to support the management of large scale projects coordinated through the Office of Regulatory Assistance (ORA); watershed-based water cleanup plans; and interstate water quality issues.

- **Sustainability**

As with many aspects of our community, creating and adopting sustainable solutions is key to successfully protecting water quality. An important principle of sustainability is anticipating and preventing problems rather than trying to react and fix them after they occur. Program accomplishments to build on include enhancing the water reuse program, participating in the Agency's Technical Resources for Engineering Efficiency (TREE) program, and financially supporting low impact development stormwater management projects.

- **Quality Data and Information**

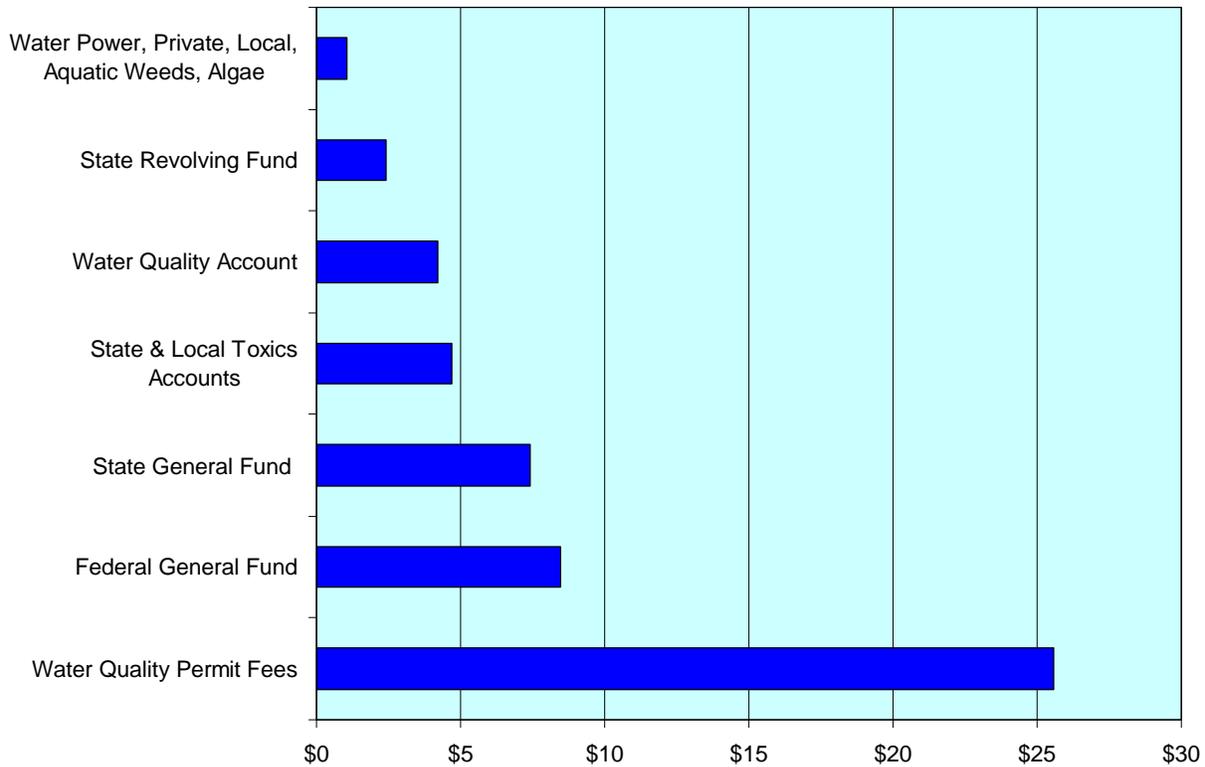
Sharing data and information is essential to meeting our clean water responsibilities. It is important that the information we share be of sufficient quality to accurately define and prioritize water quality problems along with cost-effective solutions. Therefore, the Program is committed to improving our information management systems and the quality of the data in them. This will be accomplished by completing the interface between our permit database (WPLCS) and EPA's database (PCS); implementing the Credible Data Bill; providing web-based data-base and geographic information system applications; increasing e-data submission opportunities and providing timely responses to our public disclosure and information requests. Success in this area will enhance our ability to explain and share water quality data with other stakeholders.



F. Budget

The following chart shows that the Program's operating funds come from a variety of sources. Beneath the chart is a brief description of each funding source. Each source has its own set of rules for how the money can be spent. In addition to operating funds, the Program also has an annual capital budget of approximately \$90 million. This includes approximately \$69M in State Revolving Funds, \$19M in Centennial funds, and \$2M in Clean Water Act Section 319 Funds. All of the capital funds are provided to the public for water quality improvement projects.

Sources of Funds for the Program's 2007-2009 Operating Budget (Biennial Budget: \$53.8 million)



Water Quality Permit Fees: Fees are collected from those that discharge waste water and therefore need a water quality permit. These funds are used in the issuance and management of federal and state wastewater discharge permits.

Federal Funds: The Program receives numerous EPA grants for point and nonpoint-source control; planning and implementation; grants to local governments; groundwater protection; and administrative moneys for pass-through funds. The largest grants are the Clean Water Act Section 319 grant and the Performance Partnership Grant.

State General Funds: This is the most flexible fund source in the Water Quality Program. It can be used for a wide variety of purposes and activities. No special requirements are placed on state general funds with the exception of budget provisos. Because of Initiative 601, state general funds are given to us separately in each of the two years of a fiscal biennium.

State Toxics Control Account: This account is funded by a hazardous substance tax, recovered remedial action fees, and penalties. The account funds a wide variety of state activities to improve the environment. In the Water Quality Program, it is primarily used for the program’s stormwater activities.

Centennial Account (also called the Water Quality Account): The Centennial Account was established to provide grants and loans to local governments, Native American tribes, and other public entities for water pollution control projects. The money disbursed through grants and loans are part of the state’s capital budget. However, Ecology may use up to three percent for administrative expenses which is in the operating budget.

Aquatic Weeds: The Aquatic Weeds Account is funded by a boat trailer tax and is used to combat invasive freshwater aquatic weeds. Through a grant program, most of these funds are distributed to local governments to prevent, remove, or manage invasive freshwater aquatic weeds. The Program retains part of the funds to provide technical assistance, administer grants, and develop educational materials. Aquatic Weeds also includes the Freshwater Aquatic Invasive Species Account funded by a tax on the boat vessel and is used to provide grant and loan funding and technical assistance to combat algae and invasive species in freshwater lakes & streams.

Algae Control Program: The Algae Control Program is funded by a boat registration fee with about \$500,000 per biennium going to Ecology for algae management. The program targets blue-green algae (also known as cyanobacteria) because these algae pose a health risk to humans, pets, and livestock. Ecology's algae program provides for algae identification, toxicity testing, an on-line database to post laboratory results, and a small grants program (\$25,000 to \$50,000) for algae control or nutrient management projects. Ecology will begin funding small grants to local governments in fall 2007. In the interim, the Washington Department of Health (DOH) will develop statewide guidelines for toxic algae blooms under a grant provided by Ecology. These guidelines will help local governments make decisions about when to post health advisories and when to close waters to recreation. Ecology is also providing a grant to King County Environmental Laboratories to help develop an algal toxin testing and algal identification facility.

State Revolving Fund: The purposes of this fund is to provide low-interest loans to public entities to design and build water pollution control facilities, address nonpoint source pollution, and develop conservation plans related to the National Estuary Program. The U.S. EPA provides most of the money in this fund through the Clean Water Act. The state has established the Water Pollution Control Revolving Fund, to receive the federal money, state matching funds, and loan repayments that include interest and fees. The Program uses a small amount of this fund to administer the account and manage the loans.

Local Funds: These are various and usually small amounts of money provided to the state by nonfederal sources such as private individuals, local governments, commercial enterprises, and foundations that are restricted by contract or agreement.

III. Program Activities

As discussed previously, the Water Quality Program categorizes all its actions into five major activity areas. In reality, some of the actions are really in support of all five activities. Those actions relate to personnel management, administrative support, budget development, programmatic policy, etc. Therefore, in this part of the Plan, we have broken out a sixth activity which is titled "Administer an Effective Program" to separately identify those actions.

For detailed planning purposes, each of the six activities is further broken down into sub-activities. It is at this level that individual staff plans are developed and then subsequently rolled-up into the larger programmatic activities.

Each of the nine organizational groups in the Program has responsibilities in multiple activities. In order to define their work for the coming year or two, the groups develop their own plans and assign individual staff resources to each sub-activity. In order to portray the staff resources assigned to each sub-activity and the relationships between each section, the table on the following 2 pages is presented. The table also shows staff resources for two other Ecology organizations who are not formally part of the Water Quality Program, but who significantly contribute to water quality protection. Those two organizations are the Environmental Assessment Program (EAP), and the Industrial Unit (Indust.). These two organizations are discussed in Part V of this Plan.

Following the table, all the actions for each sub-activity are listed in the same order they are presented on the table. The table therefore serves as an index to the actions. Within each sub-activity, the individual actions are sorted by organizational section. If a particular section does not anticipate conducting any actions in a particular sub-activity, then the section will not be listed there.



WQP Activities - 2007-2009 Biennium

No.	ACTIVITY	WQP SECTIONS									WQP Total	EAP	Indust.	ECY Total
		EMS	PDS	WMS	PMO	NWRO	SWRO	ERO	CRO	BFO				
A Point Source Management (excluding Stormwater, Financial Assist, and Water Cleanup)														
A1	NPDES permits	0	1.96	0	0	6.52	5.2	1.65	2.9	0.4	18.63		3.0	
A2	State Permits	0	0	0	0	2.25	2.6	2.15	2	0	9.00		0.3	
A3	General Permits	0	1.56	0.25	0	0.2	2.05	0.4	2	0.1	6.56			
A4	Compliance, Enforcement, Inspections	0	.01	0	0	4.65	5.2	3.6	3.25	0.3	17.01		2.4	
A5	Monitoring	0	0.35	0	0	0.3	0	0.1	0	0	0.75			
A6	Regulatory Support	0	2.91	0	0	3.45	4	2.3	2.85	0.3	15.81			
A7	Water Reuse	0	3.84	0	0	0.1	0	0.35	0.05	0	4.34			
A8	Pretreatment	0	0	0	0	0.2	0.4	0.65	0.1	0	1.35			
A9	Permit Fee program	3.5	0.2	0	0	0	0	0	0	0	3.70			
A10	Hydrogeology (UIC, Ground water, etc)	0	0	2.5	0	0.2	0	0.15	0.55	0	3.40			
A11	WPLCS	0	1	0	5.25	0.9	0.9	1.05	1.1	0	10.20		0.8	
A12	Education & Outreach	0	0.41	0	0	0.1	0	0	0	0	0.51			
A13	Other	0	0.36	0	0	0.1	0	0	0	0	0.46			
Point Source Subtotal		3.5	12.6	2.75	5.25	18.97	20.35	12.4	14.8	1.1	91.72	0.0	6.5	98.22
B Nonpoint Source Management (excluding Stormwater, Financial Assist., and Water Cleanup)														
B1	Agriculture	0	00	0.75	0	0	0.25	0.35	0.2	0.1	1.65			
B2	Forest Practices	0	0	1.00	0	1.6	2.75	0.7	1	0	7.05			
B3	Urban/Rural Growth	0	0	0.15	0	0	0.25	0.3	0	0.1	0.80			
B4	Habitat Alteration (dams, FERC, etc.)	0	0	1.5	0	0.2	0.6	1	0.8	0	4.10			
B5	Recreation	0	0	0	0	0	0	0.1	0	0	0.10			
B6	Education & Outreach	0	0	0.5	0	0.7	0.1	0.25	0.1	0.1	1.75			
B7	Monitoring and Enforcement	0	0	0.75	0	0.1	0.15	0.55	0	0.1	1.65			
B8	Nonpoint planning	0	0	0.85	0	0	0	0.5	0	0	1.35			
B9	Other	0	0	0	0	0	0.2	0.85	0	0	1.05			
Nonpoint Source Subtotal		0	0	5.5	0	2.6	4.3	4.6	2.1	0.4	19.50	0.0	0.0	19.5
C Stormwater														
C1	General Permit Develop.	0	0.7	0	0	0.2	0.1	0.5	0.6	0.2	2.30			
C2	General Permit Admin	0	4.78	0	0	1.85	1.1	0.8	0	0	8.53			
C3	Client-Specific Permits (HQ DOT work, etc)	0	2.13	0	0	0.75	0	0.3	0.1	0	3.28			
C4	Compliance, Enforcement, Inspections	0	0.13	0	0	8.35	6.85	0.5	3.2	2.6	21.63			
C5	Technical Assistance/Regulatory support (advisory committee, BMPs, manuals)	0	7.53	0	0.75	0.8	3.65	0.9	0.5	0.6	14.73			
C6	Other (new muni FTEs)	0	1.03	0	0	0.3	0.45	0.1	0	0	1.88			
Stormwater Subtotal		0	16.3	0	0.75	12.25	12.15	3.1	4.4	3.4	52.35	0.0	0.0	52.35
D Financial Assistance														

WQP Activities - 2007-2009 Biennium

No.	ACTIVITY	WQP SECTIONS									WQP Total	EAP	Indust.	ECY Total
		EMS	PDS	WMS	PMO	NWRO	SWRO	ERO	CRO	BFO				
D1	Grant & Loan Program Management	4.95	0.1	0	0	0	0	0	0	0	5.05			
D2	Grant & Loan Financial Management	9.15	0.1	0	0	0	0	0	0	0	9.25			
D3	Grant & Loan Project Management	0.35	0.1	0	0	1.3	1.3	1	1	0.5	5.55			
D4	Grant & Loan Project Technical Assistance	1.05	0.37	0	0	3.18	4	1.9	0.35	0	10.85			
Financial Assistance Subtotal		15.5	0.67	0	0	4.48	5.3	2.9	1.35	0.5	30.70	0.0	0.0	30.7
E Water Cleanup Plans and Standards														
E1	Water Quality Standards	0	0	3.6	0	0	0	0.1	0	0	3.7			
E2	Water Quality Assessments	0	0	1.45	0	0	0	0.15	0	0	1.6	1		
E3	TMDL scoping	0	0	0	0	0.5	0.2	0.35	0.45	0.1	1.6			
E4	TMDL report development (technical reports, SIS, DIPs)	0	0	1.5	0	2.5	2.4	1.6	2.1	0.4	10.5	30		
E5	Implementing DIPs	0	0	0.75	0	1.7	2.0	1.7	1.7	0.5	8.35			
E6	Monitoring	0	0	0.8	0	0.3	0.1	0.65	0.65	0	2.5	9		
E7	UAAs	0	0	0	0	0	0	0	0	0	0			
E8	General Support (TMDL outreach, etc)	0	0	2.7	0	0.9	1.9	0.7	0.2	0.1	6.5			
E9	Other	0	0	0	0	0	0.7	0.1	0.5	0	1.3			
TMDL Subtotal		0	0	10.8	0	5.9	7.3	5.35	5.6	1.1	36.05	40	0.0	76.05
F Administration (Program Management staff only except for F2)														
F1	Public information	0	0	0	0.75	0.6	0	0	0	0	1.35			
F2	Supervision/Management/Admin Support	2	3.34	3	8.2	4.3	5.4	3.8	4	0	34.04		1.6	
F3	Budget	0.7	0.01	0	1	0.2	0	0	0	0	1.91			
F4	Information Technology	0	0	0	1.5	0	0	0	0	0	1.50			
F5	Policy	0	0	0	1.75	0.2	0	0	0	0	1.95			
F6	General Planning	0	1.43	0	1	0.1	0	0	0.1	0	2.63			
Admin Subtotal		2.7	4.78	3	14.2	5.4	5.4	3.8	4.1	0	43.38	0.0	1.6	44.98
Grand Total		21.7	34.35	22.05	20.2	49.6	54.8	32.15	32.35	6.5	273.7	40	8.1	321.8

A. Prevent Point Source Pollution (91.72 FTEs)

A1. NPDES permits (18.63 FTEs)

Permits issued during the 2007-2009 biennium will 1) reduce toxic pollutant discharges to water and sediment; 2) control nutrients; 3) implement the new temperature criteria; 4) implement antidegradation policy; and 5) implement mixing zone policy changes. Quality assurance review of permits will ensure that permits implement program policy consistently.

PDS

Actions: PDS will conduct quality assurance reviews of NPDES permits to ensure that the permits implement program policy consistently.

NWRO

Actions: Prepare NPDES permits and fact sheets and issue the permits.

Performance Measures: Maintain a permit backlog of less than 8%. 18 municipal NPDES permits are expired or will be expiring during the biennium. The goal is to issue a minimum of 17 of the expired and expiring permits during the biennium to meet the performance measure.

SWRO

Actions: The Section will issue 28 NPDES permits (16 Municipal and 12 Industrial). These permits will be a mix of reissued and reauthorized permits. Individual Construction Stormwater Permits will be issued as necessary. A permit issuance plan will be developed by July 1, 2008 for FY09.

Performance Measure: The NPDES permit backlog will be less than 10% at the end of each fiscal year. Permit timeliness measures will met as identified in Section III of the Program Plan.

ERO

Actions: Reduce water pollution through permitting and encourage better operations and management of wastewater treatment facilities through the compliance monitoring of DMRs, inspections and technical assistance.

Performance Measure: Meet permit timeliness measures for program permit activities. Issue permits in a timely manner to keep permit backlog below 10%. Inspect all major facilities every year, inspect facilities with permits up for renewal or reauthorization, and inspect facilities not inspected in the last permit cycle. Inspect approximately 16 facilities per fiscal year. Ensure that interactions with stakeholders reflect the code of conduct, emphasizing collaboration and problem solving.

CRO

Actions: The Technical unit will issue NPDES permits based on a prioritization protocol and as identified in the program's permitting plan for Fiscal Year (FY) 08. The

geographical focus of permitting will be the Klickitat-Horseheaven Water Quality Management Area (WQMA). There are currently seven municipal facilities and six industrial facilities under individual permits located in the Klickitat-Horseheaven WQMA.

The total number of permits requiring reissuance outside the target WQMA is based upon other permits expiring, new applications and facilities experiencing significant change, and is therefore uncertain at this time. Facilities in this category represent carryover projects, new NPDES and state discharges, permits in the Wenatchee Watershed, but actually located along the Columbia River in Benton County and permits in the Lower Yakima WQMA. Since the Lower Yakima WQMA contains a disproportionate number of facilities, some permits in that watershed are written each year of the five-year cycle in order to bring and maintain all permits in current status. All these facilities need to be addressed through either reissuance or reauthorization, as appropriate. The number of permits actually completed will be based on the effort required for each permit. The level of involvement by the public can and will affect this effort and is not readily predictable. Reauthorization will be utilized wherever appropriate and possible. However, the revised surface water quality standards will greatly reduce the potential for reauthorization of NPDES permits. Proposed action dates are estimates only and are subject to change. To address the Water Quality Program's goal of reducing the NPDES backlog, staff will concentrate first on issuance of NPDES permits for FY08. During Fiscal Year 2009, the focus will be the Okanogan Watershed.

Performance Measure: Goal is 13 NPDES permits issued by June 30, 2008 including reissued and reauthorized permits. Based on current projected expiration, the goal is 19 NPDES permits for issuance by June 30, 2009. Achieving these goals will maintain the NPDES permit backlog below 10%.

BFO

Actions: Backlog eliminated.

Performance measure: One permit to be issued in FY 09.

A2.State Permits (9.00 FTEs)

Permits issued during the 2007-2009 biennium will 1) reduce toxic pollutant discharges to ground water; 2) control nitrogen loading; 4) implement antidegradation policy. Quality assurance review of permits will ensure that permits implement program policy consistently.

PDS

Actions: PDS will conduct quality assurance reviews of NPDES permits to ensure that the permits implement program policy consistently.

NWRO

Actions: Prepare and issue new State discharge permits.

Performance Measures: One State Waste Discharge permit will be reissued (Holmes Harbor). NWRO will assist with 4-6 new State Waste Discharge/Reclaimed Water permits for State Parks. Other existing state permits will be managed with engineering and compliance oversight.

SWRO

Actions: The Section will issue 12 state permits for industrial facilities in FY08. These permits will be a mix of reissued and reauthorized permits.

A permit issuance plan will be developed by July 1, 2008 for FY09.

Performance Measure: The state permit backlog will be less than 10% at the end of FY09. Permit timeliness measures will met as identified in Section III of the Program Plan.

ERO

Actions: Protect state ground water resources through permitting and encourage better operations and management of wastewater treatment facilities through the compliance monitoring of DMRs, inspections and technical assistance. Protect POTWs through permitting of industrial facilities and associated inspections and technical assistance.

Performance Measure: Meet permit timeliness measures for program permit activities. Issue permits in a timely manner to keep permit backlog below 10%. Inspect all wastewater treatment facilities with permits up for renewal or reauthorization and those facilities not inspected in the last permit cycle. Inspect approximately 30 facilities per fiscal year. Ensure that interactions with stakeholders reflect the code of conduct, emphasizing collaboration and problem solving.

CRO

Actions: The Technical Unit will issue state permits as identified in the Program's permitting plan for FY08. The geographical focus of permitting will be the Klickitat-Horseheaven WQMA. Additional permits outside the WQMA, including carry over permits will be issued as time permits. Facilities will be addressed through reissuance or issuance of temporary permits, as appropriate, to accommodate emphasis on issuance of NPDES permits. Permit timeliness measures will be met as identified in Part VI of the Program Plan.

Performance Measure: Goal is 13 State Permits issued by June 30, 2008 and 9 by June 30, 2009. This includes reissued and reauthorized permits.

A3. General Permits (6.56 FTEs)

PDS

Actions:

- Modify/reissue Boatyard General Permit – June 2008.
- Modify CAFO General Permit following appeal.
- Reissue Noxious Weed General Permit – December 2007.
- Reissue Rotenone Individual Permit – Issue by June 2008.
- Develop and issue Invasive Species Individual Permit – July 2009.
- Modify or develop permit for control of adult mosquitoes, pending spread of West Nile Virus.
- Reissue Water Treatment Plant General Permit – July 2009.
- Support appeals/litigation on general permit issues.
- Administer CAFO General Permits and Pesticide General Permits.

- Issue coverages under the Aquatic Plant and Algae Management Permit, the Mosquito Control Permit, the CAFO permit.
- Begin development of the Sand & Gravel Permit for re-issuance in 2010.

WMS

Irrigation District General Permit: Finalize this permit in the fall of 2007. Continue the light care and feeding of this permit.

NWRO

Actions: Implement General Permit Program.

Performance Measure: Manage 295 sand and gravel and 16 hatchery facilities. This includes new coverage to controversial mines including hearings, appeals and outreach.

SWRO

Actions: The Section will continue to manage coverage under the Sand & Gravel NPDES permit for about 315 existing facilities, coverage to 45 facilities under the Aquaculture General Permit, 25 facilities under the Boatyard General Permit and coverage under the Water Treatment Plant General Permit for 20 permitted facilities, and will act upon new proposals and significant changes to existing sites. The Section will also manage aquatic pesticide general permits (nuisance, mosquito), including issuing coverage, providing technical reviews of management plans, providing technical assistance, and conducting inspections on 10% of the permitted sites.

Aquatic pesticide permit applications for lakes will be managed and technical reviews and inspections will be provided.

Performance Measure: Facilities covered under the general permit will be inspected during the biennium according to Appendix B. Twenty pesticide applications covered under the general permit will be inspected during the biennium.

ERO

Actions: Develop and implement the fish head guidelines. Issuance and oversight of permit coverage's for the sand and gravel, fish hatchery, fruit packing and water treatment. Assist facilities in implementing low or non-discharge general permit operations.

Performance Measure: Inspect approximately 30 facilities per fiscal year. Ensure that interactions with stakeholders reflect the code of conduct, emphasizing collaboration and problem solving.

CRO

Actions: There are numerous facilities operating under the Fresh Fruit Packing General Permit, the Sand and Gravel General Permit, and several hatcheries operating under the Upland Fin-Fish General Permit in the Klickitat-Horseheaven WQMA. CRO will be working on reissuance of the Fresh Fruit Packing General Permit in the fall of 2008 for reissuance in 2009. The Sand & Gravel permit is effective through this biennium. The Fish Hatchery permit was just reissued during the previous biennium. The main activity for both

Sand & Gravel and the Fish Hatchery permits will be compliance inspections and technical assistance visits to ensure permit holders are in compliance with the two permits.

The 303(d) list includes many streams in CRO listed for dissolved oxygen or pH, typically an indication of excessive loading of Biochemical Oxygen Demand or nutrients. The Dept. of Fish and Wildlife has been placing salmon carcasses in streams every fall and has proposed placing pelleted fish and chemical fertilizers in streams, typically in headwaters areas. These materials likely will be transported downstream through the 303d listed reaches. In consultation with Watershed Unit staff, Technical Unit staff will continue to work with WDFW in the region to develop a satisfactory resolution of the water quality issues related to this practice.

A4. Compliance and Enforcement (17.01 FTEs)

NWRO

Actions: Eight Municipal Unit employees have been assigned a specific number of Class I and Class II inspections to perform. Four Industrial Unit employees have been assigned Individual permits and Class II Inspections.

Performance Measures: 20 Class 1 inspections and 4 Class 2 inspections will be completed during the each fiscal year. Additionally all 64 permitted municipal facilities in NW Region will be managed with engineering oversight. Monthly compliance evolution of all NPDES permittees, and participation as needed in enforcement activities will also be accomplished.

Ecology will forward copies of compliance inspection reports (EPA Form 3560-3) for major facilities as they are completed to: Jeannine Brown, Regional PCS Coordinator, EPA Region 10, NPDES Compliance Unit (OW-133), 1200 Sixth Avenue, Seattle, WA 98101 or fax to her attention at (206) 553-1280.

Ecology will provide copies of enforcement actions to major facilities as they are completed to: Chris Cora, State Oversight Contact, EPA Region 10, NPDES Compliance Unit (OW-133), 1200 Sixth Avenue, Seattle, WA 98101 or fax to his attention at (206) 553-1280.

Actions: The compliance unit will conduct boatyard and Sand & Gravel permit inspections in FY08.

Performance Measure: Lead stormwater inspector will be expected to conduct 9 inspections per month with assistance from back up inspector. This position is currently vacant. Hiring and training a new staff person will reduce the number of inspections completed in 2007.

Action: Conduct site inspections, collect evidence; prepare and reviews written requests for enforcement, initiates informal & formal enforcement actions to achieve permit compliance.

Performance Measure: Enforcement actions for violations of NPDES and State Waste Discharge permits will be taken as necessary. A minimum of twelve municipal facility inspections will be conducted during the year and enforcement actions will be issued as necessary. NWRO will conduct 6 oversight inspections of aquatic pesticide applications each year. Inspections will be documented with written reports.

SWRO

Actions: Point source compliance inspections and enforcement are performed by both the Industrial and Municipal units. Each unit employs a systematic approach to review and assess facility compliance. The Municipal Operations Unit employs a systematic approach to review and assess facility compliance. The Unit holds monthly discharge monitoring meetings during which the permit coordinator, compliance specialist, operator outreach specialist and facility managers review and discuss the previous month's DMRs. Based on these meetings and the compliance history of the facility, an appropriate course of action for follow-up is selected. The industrial unit employs a priority approach to review and assess facility compliance. Based primarily on DMR results, inspection findings, and the compliance history of the facility, an appropriate course of action for follow-up is selected. The follow-up may consist of a warning letter, a notice of violation, an operator outreach visit or an inspection. Orders and penalties are reserved for entities that refuse to respond or correct noted deficiencies.

Performance Measure: There are several criteria which determine which facilities are identified for inspections: non-compliance with permit; routine inspections; and, inspections targeted in the focus basin. Over the coming biennium the Section plans to conduct 84 individual permit inspections per year. The Municipal Unit plans to complete approximately 20 NPDES facility inspections and 4 State permit inspections in each year—the Industrial Unit plans to complete approximately 60 inspections on individually permitted facilities each year. The facilities to be inspected will be targeted based on the criteria above. These activities will take place across all water quality management areas. Copies of compliance inspection reports (EPA Form 3560-3), and enforcement actions for major facilities will be forwarded as they are completed to EPA Region 10. An annual report of activity for NPDES Minors will be sent to EPA for each calendar year by January 31.

ERO

Actions: A total of 80 inspections are planned for each fiscal year (NPDES, State, and General permitted facilities). The majority of inspections will be compliance inspections with the remainder coverage determination inspections. Our goal is to have 10% (8) inspections include sampling as Class II inspections. All major NPDES facilities will be inspected yearly.

Inspections will be prioritized by new and renewal permit coverage, complaints, permit violations, and requests for assistance. Inspections per year are projected to be distributed approximately as follows:

- Municipal Facility Inspections 26
- Industrial Facility Inspections 24
- General Permit Facility Inspections 30
- Stormwater Permit Inspections

Enforcement actions will be prioritized on criteria in the Water Quality Program Compliance Assurance Manual and follow our escalation of action approach for all but the most egregious. The first level of enforcement action will typically be through warning calls, letters, and inspections by the facility manager working directly with the permitted facility. If unsuccessful with first level enforcement actions, the facility manager will then formally involve the enforcement specialist in a joint effort to achieve facility compliance.

A review of Discharge Monitoring Reports shall be done principally by the facility manager, and secondarily by the WPLCS coordinator/entry person, enforcement specialist, and unit supervisor, on a monthly basis to provide QA/QC on WPLCS data and to prioritize actions for the upcoming month. Tracking of enforcement priorities will be done informally. In addition, the enforcement specialist will attend permit peer reviews and review draft permits to help ensure that permit conditions are clear and defensible.

Finally, the enforcement specialist is responsible for tracking complaints, giving them to facility managers for their response, and for the handling of other general complaints. The number of complaints received varies by season and are beyond our control, but we anticipate we will respond to an average of 15 per month.

Performance Measure: Reduce the number of repeat violators to achieve the program goal or target. Timely follow up on all significant violations.

CRO

Actions:

Major NPDES:	Inspect all seven, including Pretreatment Compliance Inspection (PCI) of *.
Minor NPDES:	Goal is 25 inspections
State Permit:	Goal is 25 inspections
General Permits:	Goal is 40 inspections

CRO has historically inspected all Major NPDES facilities (7 municipal facilities) each year. Normal procedure is to inspect all facilities scheduled for permit reissuance the following year. Additional criteria for selecting facilities for inspection are:

- All facilities applying for their first permit.
- All facilities requesting assistance.
- All facilities initiating significant growth or change of product (industries) or process.
- All facilities experiencing difficulty in meeting permit limitations as evidenced by monthly DMRs.
- A number of facilities at random for compliance checking.
- All facilities about which complaints are lodged.

The type of inspection varies from a site visit to make a general permit coverage determination to a compliance inspection with sampling. In addition, pretreatment compliance inspections (PCI) or audits are done for delegated pretreatment municipalities depending on the year.

Copies of all inspections and enforcement actions for NPDES Major Facilities will be forwarded to appropriate Region 10 staff upon completion. An annual report of activity for NPDES Minor facilities will be provided to Region 10 by the end of January, each year.

BFO

Actions: One inspection of each NPDES individual facilities and state permitted facilities, one site visit to general permit sites each year. Check DMRs from NPDES individual and state permitted facilities for compliance and follow-up on non compliance. Manage tracking of receipt of permit required reports from NPDES and state permitted facilities. Complaint response.

Performance Measure: Inspection reports for 7 facilities each year.

A5. Monitoring (0.75 FTEs)

NWRO

Actions: Conduct assistance monitoring for Northwest Region point source management.

Performance Measure: Stream Quality Specialist will conduct 3 sampling inspections per year with assistance from Point Source Permit Manager or Inspector.

A6. Regulatory Support (op cert, GMA, SEPA, technical support, non-grant/loan engineering review, general facility management) (15.81 FTEs)

PDS

Actions:

Permitting Support

- Maintain Permit Writer's Manual, including annual updates, working with program on policy development. Focus on developing guidance/policy for control and reduction of toxics to water and sediment, implementation of the new temperature standards, nutrient control, implementation of the antidegradation policy; and development and implementation of mixing zone policy changes.
- May receive funding through EPA to develop AKART for nutrients.
- Develop permit-related policy, as assigned.
- Provide Permit 101 training internally and externally. Provide technical and policy assistance to permit writers in the agency.
- Facilitate and participate on Permit Writers Group to provide recommendations on permit writer's issues.
- Continue updating the Orange Book with RO assistance.
- Develop methodology to better estimate toxics loading from all point source dischargers.

- Complete required reporting to EPA (see attached section of PPA).
- Prepare an annual SSO report card. The report will include a list of SSO events, estimated volumes and solutions. The report will be submitted by April 1 of each year and cover the preceding calendar year.
- Provide assistance to EPA, region 10, on issues in Washington State on-going.
- Support WET test regulatory system, data management, maintain zero WET test backlog, complete development of herring test, implement protocol for risk assessment of treatment chemicals and invasive species management.
- Support Aquatic Pesticide Permits management.

Quality Assurance Coordination

- Develop process for and conduct permit QA review to ensure permits follow program guidance and policy with focus on reducing toxics, implementing temperature standard, implementing antidegradation policy, and controlling nutrients, and the mixing zone policy.
- Serve as intermediary between WQ staff and EAP staff on QA issues.
- Develop business rules for NPDES database and ensure consistent implementation.

Operator Certification

- Develop support for legislative removal of fee cap for certification and develop rule amendment plan.
- Maintain operator certification program files.
- Maintain Op Cert database.
- Develop web-based CEU tracking system.
- Develop flowchart for revocation notices.
- Administer Op cert exams in February, June, and October each year until secure a contract with ABC to provide electronic certification tests.
- Develop and mail the Op Cert Newsletter – October 2007, October 2009.
- Renew certifications – complete all necessary work.
- Work to streamline/re-develop the certification renewal process.
- Provide support to operators on certification issues – on-going.
- Coordinate the WWTP Awards – June 2008 and 2009.

NWRO

Actions: Manage the Brightwater WWTP project (under contract with King County). Manage the municipal TMDL facilities in the lower Snohomish River basin. Various work groups (Permit Writer's, Orange Book, Reuse, LOSS, Flow Blending, etc.)

Performance Measures: For the Brightwater project, provide Ecology overview and technical engineering review of all facility planning documents and coordinate all Ecology interests in this large project. Regional leads on various work groups will communicate workgroup activities to regional staff and provide.

Action: Staff will provide engineering report review and technical assistance for individual permittees. Work with permit managers to provide enforcement guidance and general facility oversight.

Performance Measures: NPDES and State Waste Discharge (Industrial) permits will be reviewed for DMR violations with permit managers each quarter. Municipal permits will be reviewed with permit managers each month. Awards for municipal facilities will be chosen and awarded. Enforcement coordinators will also review draft permits for accuracy and completeness. Each enforcement coordinator will participate in the Water Quality Enforcement Work Group to complete annual goals set out in their annual work plan.

SWRO

Actions: The following engineering reports must be reviewed and approved by the facility managers as required by Chapter 173-240 of the Washington Administrative Code:

- General Sewer Plans
- Engineering Reports
- Facility Plan (SRF and CCWF)
- Plans and specifications
- Construction Quality Assurance Plan
- Operation & Maintenance Manual

The number of such reports varies from year to year depending upon facility upgrades, new facilities, new collection systems, enforcement orders, permit requirements and the like.

Facilities receiving financial assistance submit reports for review and approval to the financial assistance project manager as discussed below. However, if these facilities also have or need a discharge permit, the engineering report is generally reviewed and approved the respective facility manager.

The Municipal Operations Unit also provides technical assistance to municipal facilities in the operation of wastewater treatment facilities through an Operator Outreach Specialist. The Operator Outreach Specialist housed in Ecology's Southwest Region covers facilities across both the Northwest and Southwest regions and is funded through an EPA grant and permit fees. The EPA grant contract requires assistance to eleven new facilities and gives priority to facilities under 5 MGD. The grant also allows assistance to small facilities in conducting infrastructure security vulnerability assessments.

The Section will conduct additional SEPA review for new facilities or significant expansions to existing facilities, and will support the Office of Regulatory Assistance for new facilities or significant expansions to existing facilities. Staff will prepare for and participate in pre-application meetings and other activities.

Performance Measure: The number of engineering review projects, SEPA actions, and ORA referrals and pre-application meetings varies from year to year depending on many factors. The total number of such actions cannot, therefore, be accurately predicted. However, the Section will respond to each review within 60 days of receipt.

Over FY 2007 and FY 2008, the Municipal Unit plans to conduct 15 outreach visits to facilities in Western Washington in each quarter for a total of 120 visits over the biennium. The Operator Outreach Specialist meets with the permit coordinator and the compliance specialist on a monthly basis to review facilities that have the most need for technical assistance in the coming month. Much of the outreach provided is the result of requests for assistance from operators.

ERO

Actions: Provide engineering and hydro-geologists review of general sewer plans, engineering reports, plans and specification, operation and maintenance manuals, hydrogeological reports, and SEPA documents. There is the potential for three or four STEP projects in ERO. Those communities will be assessed for potential to do self-help projects. Technical assistance will be provided to potential STEP communities and others. ERO staff will coordinate with other funding agencies and assist communities to coordinate funding opportunities with other funding agencies to complete facility projects with multiple agency funding sources. Staff will help market Ecology Water Quality Program grant and loan funding packages (State Revolving Fund and Centennial Clean Water Fund). Staff technical assistance will advise and assist municipalities regarding procedures, applications, and preparation of grant and loan related documents, and procurement of professional engineering and consulting services. Staff will assist communities with questions about pending regulatory requirements for capacity, maintenance, operations and management, CMOM, and infrastructure asset management.

CRO

Actions: Provide in-plant personalized training and trouble shooting assistance to more than 100 small community treatment plant operators throughout CRO and ERO. Emphasis is placed on teaching and mentoring operators in basic wastewater treatment, preparation for operator certification exams, process control, effluent monitoring, laboratory protocols, sampling techniques, sludge management, WET testing and quality control. Provide engineering review to ensure satisfactory design, construction, and operation of wastewater treatment facilities and collection systems and to provide technical assistance to all permitted and proposed facilities.

BFO

Actions: Blaine NPDES facility planning, Design and Start of Construction of New WWTP. Grant application assistance and review of technical documents for this facility will be the bulk of the regulatory support in the next biennium. Participate in technical team to find financial assistance for Whatcom Water Dist. #13 for planning and construction.

Performance measure: Documents reviewed within 60 days of receipt

A7. Water Reuse (4.34 FTEs)

PDS

Actions:

- Continue development of Reclaimed Water Rule
- Work with subtask forces to develop reports to the legislature in 2008 and 2009
- Provide technical assistance to regions
- Provide public Education/Outreach
- Provide program coordination and policy direction with managers from WQ, WR, and DOH
- Respond to legislative issues and conduct bill analysis during 2008, 2009 sessions
- Lead interagency Water Reuse Work Group monthly

NWRO

Actions: Serve on Reuse Work Group. Serve as regional resource and lead for proposed reuse projects.

Performance Measures: Complete review and approval of proposed reuse project for State Parks. Assist regional staff on reuse issues.

SWRO

Actions: The Municipal Unit's facility managers will coordinate review of facility plans, engineering reports and plans/specifications with the Program's Water Reuse Coordinator and the Department of Health.

Performance Measure: Engineering documents will be reviewed within 60 days of receipt.

ERO

Actions: Support wastewater reuse and increase the production of reclaimed wastewater. Provide Technical Assistance for Water Reclamation Design and Facility Operations and Maintenance. Build capacity of POTWs to better operate water reclamation facilities reliably. Build and develop potential for water reclamation in eastern Washington communities (Cheney, Dayton and others as opportunities are envisioned).

Review and comment on Reclamation Facility Design documents for WSU and City of Pullman.

Provide On-Site compliance inspection visits, review files, and write inspection reports for current water reclamation facilities.

Develop State and NPDES Waste Discharge Permits for new Water Reclamation facilities. (Pullman, Walla-Walla, Cheney)

Performance Measure: The cumulative design capacity of water reclamation facilities continues to increase.

Reliability of water reclamation facilities continues to improve.

Contribute to the cumulative total design flow program performance goal for wastewater reuse.

CRO

Actions: Support wastewater reuse and increase the production of reclaimed wastewater. Provide technical assistance for Water Reclamation Design and Facility Operations and Maintenance, should any projects be proposed in the region. The Department of Ecology Reclaimed Water Work Group consists of a staff person from the water resources program and the water quality program from each region and two representatives from the Department of Health. The group is chaired by the state Reclaimed Water lead from the headquarters office. The work group is tasked with promoting reclaimed water use and reuse of other wastewaters in accordance with Chapter 90.46 RCW. To accomplish this, the work group discusses and drafts policy recommendations for planning, constructing and permitting reclaimed water facilities. Recommendations from the work group are forwarded to the 'Management Team' (a subset of the water resources and water quality Program Management Teams) for approval. The work group also serves as a forum for discussing regional projects and fostering cooperation between the Department of Ecology and the Department of Health.

A8. Pretreatment (1.35 FTEs)

NWRO

Actions: Pretreatment Audits and Inspections

Performance Measure: In fiscal year 2007 conduct one pretreatment audit. In fiscal year 2007 conduct two pretreatment compliance inspections. All audits and inspections will be sent to Michel Le EPA Region 10 in conformance with the Performance Partnership Agreement.

SWRO

Actions: Ecology reports annually to EPA on the number and percent of delegated municipal pretreatment programs on which Pretreatment Compliance Inspections (PCI) and audits are conducted. Oversight of the delegated pretreatment program is done by the pretreatment specialist on a part-time basis in addition to the position's other duties as a facility manager.

Performance Measure: Currently there are four completely delegated pretreatment programs and two partially delegated pretreatment programs in Ecology's Southwest Region. Ecology also provides oversight of pretreatment permits issued by the delegated pretreatment programs. This entails review and comment on approximately 5 permits each month. In addition, the pretreatment specialist also reviews pretreatment permits issued by SWRO and annual reports submitted by each delegated pretreatment program. There are four PCIs planned for this biennium. The compliance status of all approved programs will be evaluated for significant non-compliance (SNC) and facility names and permit numbers of POTWs with approved pretreatment programs in SNC (in accordance with the violation criteria established for Pretreatment Program SNC) will be reported to

the Region 10 Pretreatment Coordinator by July 31 of each year. The report will cover the previous state fiscal year. The facility names and permit numbers of Categorical Industrial Users (IUs) discharging to POTWs without approved pretreatment programs; and the Categorical IUs of that universe that have been determined to be in SNC will be reported to the Region 10 Pretreatment Coordinator by July 31 of each year. The report will cover the previous state fiscal year.

ERO

Actions: ERO will report the facility names and permit numbers of Categorical Industrial Users (IU) discharging to POTWs without approved pretreatment programs; and the Categorical IU of that universe that have been determined to be in Significant Non-Compliance (SNC) to the EPA Region 10 Pretreatment Coordinator by July 31 of each year. The report will cover the previous state fiscal year.

Improve local limits, ordinances and industrial surveys for the following cities: Cheney, Clarkston, Moses Lake, Pullman, Pasco, and Walla-Walla.

Audit each delegated pre-treatment program every 5 years and visit each pre-treatment POTW every 2 years.

Forward copies of all compliance inspections and audit reports to EPA in accordance with acceptable standards and requirements.

Evaluate compliance status of all approved programs for significant non-compliance.

Work with the City of Walla-Walla to develop and implement a delegated pretreatment program.

Performance Measure: Ensure that interactions with stakeholders reflect the code of conduct, emphasizing collaboration and problem solving.

CRO

Actions: Provide oversight of the pretreatment-delegated cities of Richland and Yakima, including review of proposed permits, technical assistance, and Pretreatment Compliance Inspections (PCI) or Pretreatment Audits, as appropriate, each year. This includes PCIs of the Yakima STP and Richland STP in FY08. Whether to conduct PCIs for FY09 will be based upon results of the FY07 compliance inspections. Ecology will report the facility names and permit numbers of Categorical Industrial Users (IUs) discharging to POTWs without approved pretreatment programs and Categorical IUs that have been determined to be in Significant Non-Compliance (SNC) to the Region 10 Pretreatment Coordinator by July 31 of each year. The report will cover the previous state fiscal year.

A9. Permit Fee Program (3.7 FTEs)

PDS

Actions:

- **Rule/Policy Development:** Provide support for fee increases in the rule based on data from the job and task code tracking to more equitably align fees and better support the program.
- Support legislative request for removal/increase of municipal permit fee cap

FMS

Actions:

Rule/Policy Development: Revise and update Fee Rule, Chapter 173-224 WAC, Wastewater Discharge Permit Fees.

Legislative Reporting: Develop 2003-05 Biennial Wastewater Discharge Permit Fee Report to the Legislature and respond to legislation impacting the fee program.

Administration: Manage the Wastewater Discharge Permit Fee program through annual and semi-annual billing process that includes billing existing permit holders, establishing new fee accounts based on new permits, closing out fee accounts following notices of terminations, processing delinquent accounts, reviewing impacts and adjusting permit fees as appropriate for small businesses,

A10. Hydrogeology (Ground water, UIC, etc) (3.40 FTEs)

WMS

Actions:

- Protect ground water quality by providing technical assistance and support on regional ground water issues for both point and nonpoint source pollution; by providing hydrogeologic expertise through review and analysis of documents; by serving as an expert witness for permit appeals involving ground water; and by working on ground water issues associated with implementation of Best Management Practices such as nutrient management and other agricultural practices.
- Continue to work with Washington Department of Health (WDOH) and local health jurisdictions to improve permitting of on-site sewage systems to protect ground water quality, in addition to drinking water.
- Participate in the large on-site sewage system rule revisions conducted at WDOH, as well as serve on the On-Site Technical Review Committee advising WDOH on on-site issues.
- Continue to work with the WDOH to incorporate the results of source water assessments of drinking water systems into enforcement, education, and technical assistance efforts as resources allow.
- Provide technical analysis and assistance on projects and issues as identified through the Water Quality Program Hydrogeologist team.

- Provide technical analysis and assistance on water quality aspects of Critical Aquifer Recharge Area (CARA) guidance as needed. Work with local jurisdictions on Critical Aquifer Recharge Area ordinances related to the protection of ground water in consultation with WDOH.
- Continue to participate in broader ground water protection/education opportunities, such as the Interagency Ground Water Committee (IGWC), Washington Hydrogeology Symposium; Ground Water Protection Council (GWPC). Maintain the listserv for the IGWC website as a means to send out pertinent ground water information to interested parties.
- Provide support to regions as needed for future Ground Water Management Area (GWMA) development.
- Participate with the Air Program and Washington Department of Natural Resources (WDNR) in development of policies, guidance and rules needed to regulate carbon sequestration.
- Work with WDNR on oil and gas drilling exploration and production to ensure that environmental protection is included in WDNR oil and gas permits.
- Work with EPA to meet our commitments and to communicate our accomplishments under the ground water portion of the PPA grant.
- Provide technical hydrogeology expertise to analyze legislative bills that may influence or impact ground water quality.
- Implement the Underground Injection Control (UIC) Program to protect safe drinking water and ground water quality by:
 - Complete the EPA primacy packet for the changes made to the UIC Program Rule (WAC 173-216). This includes updating MOUs with appropriate state agencies, other legal documents and providing the revised final UIC rule language as part of the primacy packet.
 - Complete out-reach activities to better educate the public and private well owners on the UIC program and rule by developing administrative guidance for Class V UIC wells, developing guidance on conducting well assessments, compiling UIC well survey data, and offering training to operators as needed.
 - Update the UIC database to facilitate batch uploading, incorporate historical UIC well data and provide data accessibility, coordination, tracking, and decision support.
 - Update Ecology's UIC website to include web-based registration and accessibility to the database.
 - Provide technical assistance to owners of private and publicly owned UIC wells. This includes answering phone and email inquiries on the rule and the database.
 - Revise rules as necessary to regulate activities involving carbon sequestration.

NWRO

Actions: Provide technical support to section staff on permits and selected limited non-permitted studies of discharges with impacts to ground water.

ERO

Actions: Plan and conduct professional investigations and provide comprehensive hydrogeologic support services to the ERO Permit Management Unit. Assist and support permit managers with site evaluations and facility inspections, including sampling inspections. Serve as Permit Manager for a number of municipal facilities with discharge to land application. Assist with providing guidance to municipal facilities to aid their efforts at obtaining funding for facility upgrades to come into compliance with groundwater standards. Periodically provide input on issues regarding aquifer storage and recovery, and critical aquifer recharge areas. Other work also includes presentations of the groundwater model to elementary and junior high students at annual events.

Performance Measure: Ensure that interactions with stakeholders reflect the code of conduct, emphasizing collaboration and problem solving.

CRO

Actions: The staff hydrogeologist will maintain a ground water quality database for trend monitoring of facilities using land treatment for wastewater processing. He will provide analysis to facility managers and watershed leads on the status of these projects. He will assume management of the Buckhorn Mountain Gold Mine permit once it is issued. In addition, he will continue to assist permit writers, reviewing permit requirements and providing language for permits and review ground water monitoring plans and engineering reports, for approval purposes. Additional work will include completion of the latest study of water quality impacts of inactive and abandoned metals mines and preparation for publication. In addition, as needed staff will provide technical guidance on a variety of projects where stream channel design or modification is being considered.

A11. WPLCS (10.20 FTEs)

PMO

Action: The IT unit will maintain existing all non-WPLCS program IT systems such as WATS, OPSCERT, UIC, TMDL database (WATS phase 2), FERC database. Please check the IT website for a complete list of all applications that are under maintenance or planned for the biennium. An application for water quality standards database will be scoped and developed as well.

Performance Measures: Start development of WATS (phase 3) for tracking TMDL implementation. Continue to advance these applications towards current technologies that are more user friendly, faster in response, and meet the business needs of the program. A new staff person in the newly established position for GIS analyst in the unit will be appointed.

Action: Public Disclosure Requests: Answer public disclosure requests according to the Public Records Act; compose correspondence; compile information for public requests;

use Water Quality Permit Life Cycle System (WPLCS); maintain a log of requests for Agency and inner-office.

Performance Measures: Continue to provide public disclosure support for those requests that involve data from one of the IT applications. Independently inventory documents, publications, program filing, retrieval, manual updates, and inventory disposition. Implement and manage program records management system to ensure compliance with State records management statutes and assist in establishing a retention schedule for program files. Establish and maintain a desk manual for Public Disclosure Coordinator. Organize and manage program headquarters central files and prepare for document management system. The GIS analyst will work on integrating applications such as WQS, WATS and further improve the quality of spatial information data.

Action: Program web coordination.

Performance Measures: Manage water quality Internet web, manage water quality Intranet web, publication and forms coordinator for WQ program, format complex publications, proof publications/documents, maintain WQ external committees database (includes Partnership and Council), administer the water quality SharePoint site and provide software support to staff.

IT Unit (FY 07 – 09) for Program Development Services

Actions: The IT unit will maintain the existing WPLCS application. All applications directly or indirectly associated with WPLCS will be maintained as well. The priority project in this biennium will be WPLCS redevelopment effort. Phase I of the WPLCS redevelopment project has already begun and will continue into the first year of biennium. The objective of this project is to document the business requirements for a modernized permit data management system. This will be accomplished through a series of facilitated requirements gathering meetings with all project stakeholders. Requirements will be collected, organized, documented and verified through a review process. It is intended that the final requirements document will serve as a guide for a subsequent detailed analysis and design project and ultimately, the redevelopment of the WPLCS system. Further, e-DMR application and other functionalities to the new WPLCS application will be scoped and developed.

Web WPLCS application will be maintained and further enhancements will be made to meet the business needs of the program. Other projects are irrigation permit, aquatic pesticides and associated permits such as noxious weed, Construction online application, business portal, CROMMER compliance for all online applications and so on.

Performance Measures: WPLCS requirements gathering project will be accomplished and phase II of the project, application development will also be completed. The objective that the program will have a set of business rules and practices will be achieved. If the budget allows, dependent applications such as e-DMR and added functionalities will be scoped and developed to improve the permit program's efficiency and productivity.

For a complete list of application in production and those that are in development, please go to this website for more information:

<http://aww.ecology/programs/wq/IT/applications.html>

PDS

Actions:

- Lead the development and implementation of business rules for water quality database (WPLCS)
- Support WPLCS re-development

NWRO

Action: Enter DMRs into WPLCS database, generates discharge monitoring reports, provide QA/QC reviews on data and initiates informal actions for industrial and municipal dischargers, drafts NOV's for industrial violations.

Performance: Enter DMR data for 88 Municipal permits each month. DMRs for 459 Industrial and State Waste Discharge permits will be entered on monthly or quarterly basis. Creating warning letters for violations for industrial and municipal dischargers after review meeting this would also include drafting NOV's. Discharge monitoring reports will be distributed to permit managers within 15 days of the DMR due date.

SWRO

Actions: The Permit Administrators receives, enters and manages all compliance data generated by the Section's permittees. These positions also provide support to the Program in support of its management of the database, including training to new users or staff. The Permit Administrators assists the Unit in evaluating the data received and in choosing appropriate responses to non-compliance.

Performance Measure: The Section will maintain a 97% minimum accuracy rate on data entered from DMRs. All DMR data will be entered within the month it is received.

ERO

Actions: The permit coordinator manages the WPLCS database at ERO. Duties include entering DMR data, inspection reports, and compliance reports into WPLCS, creating electronic discharge monitoring reports for new permits, and QA/QC on all DMR data each month. Also reviews all state and federal discharge permits during factual review and beyond to ensure accurate and consistent reporting is available for input into WPLCS. Contribute information each month to management for a monthly report that helps to track productivity and efficiency, and establish goals and milestones. Work with Central Files to provide information to the public regarding specific facility reporting data, and work with compliance and permit staff evaluating data to identify non-compliance. The position also provides support to the Program in management of the database, creating specialized reports using WPLCS data, and providing training to new users as necessary. Works closely with systems administrator to help develop new

reports and other improvements in the statewide database – duties include beta testing new applications to find errors and to provide input for improvement before releasing to other users. Participate in the WPLCS User Group quarterly meetings and other special work groups as requested.

Performance Measure: Maintain at least a 97% accuracy rate for data entered from DMRs into WPLCS.

Ensure that interactions with stakeholders reflect the code of conduct, emphasizing collaboration and problem solving.

CRO

Actions: Staff maintains the Water Quality Permit Life Cycle System (WPLCS). This includes data entry; preparing special WPLCS systems reports and responding to inquiries from the public. Staff also assists management in preparing permit and project plans. Other activities involve reviewing and verifying specific sections of new State and Federal wastewater permits to ensure accuracy and consistency for input into WPLCS; performing quality assurance and quality control for WPLCS by researching central files, maps and other sources; and researching and querying the database to locate and correct incomplete, inaccurate, or anomalous data. Staff also review and input relevant information from several sources including wastewater permits, applications, enforcement orders, discharge monitoring reports (DMRs) and other compliance related documents, inspections reports, permit modifications, and whole effluent toxicity testing results. Staff are involved in collecting, evaluating, analyzing, and interpreting the accuracy, regulatory compliance, and indications of pollution control violations or treatment process breakdowns in DMRs submitted by permittees, correcting mathematical errors, and manipulation of data as needed, and appraises permit managers of incomplete, inaccurate, or anomalous data.

A12. Education and Outreach (0.51 FTE)

PDS

Actions:

- Provide outreach materials and conduct public workshops/hearings to support general permits.
- Provide web updates as needed for regional individual NPDES permits.

NWRO

Actions: Review and track water quality parameter studies supporting 401 certifications for the Jackson and Twin Falls Hydroelectric License Projects. Unanticipated and unplanned amendments to existing 401 certifications may occur such as the added work load at the request from Twin Falls to amend their certification.

Performance Measure: Work with Snohomish PUD to review proposals, require, analyze and track the studies necessary for the Jackson Hydroelectric License Project certification scheduled for 2011 all in conformance with the new tight deadlines of the complex Integrated Licensing Procedure.

CRO

Action: Although, CRO-WQ hasn't specifically identified a targeted education and outreach element it is recognized that in all of our work a certain amount of water quality education and outreach is required and performed to successfully implement our Section Planning elements and performance goals.

A13. Other (0.46 FTEs)

PDS

Actions:

- Support environmental investigations of toxics (including PPCPs) by EAP and through contracts.
- Develop toxics reduction strategies, collaboratively with other programs.
- Calculate mercury loading based on new analysis and provide feedback for permits that need to evaluate mercury in next permit revision.
- Develop a strategy and issue 308 Administrative Orders to require all permittees to conduct priority pollutant plus PBT scans to allow calculations of toxics loading.
- Phase 2 Toxics Loading – Using contractor review priority pollutant data for permittees discharging to Puget Sound to calculate toxics loading.
- Phase 3 Toxics Loading – Using a contractor obtain samples to estimate toxics loading from CSOs to Puget Sound.
- Support completion of Phase 1 Toxics Loading Study to Puget Sound.
- As funds become available, support other toxics loading studies.

NWRO

Action: Manage cruise ship compliance, documentation, inspections, technical work, data management with MOU.

Performance: Will conduct 12 cruise ship inspections per season and issue enforcement actions as necessary. Draft annual *Assessment of Cruise Ship Environmental Effects in Washington*.

CRO

Action: Staffing the Wenatchee Field Office. The Technical Unit will have staff who manage facilities and sites in the northern half of the region periodically use office space in the field office while doing field work in Chelan, Okanogan, and Douglas Counties.

B. Reduce Nonpoint Pollution (19.50 FTEs)

B1. Agriculture (1.65 FTEs)

WMS

- a. Continue to assist with the livestock program at the Department of Agriculture and provide assistance to the agriculture policy lead.
- b. Begin compilation of nonpoint Best Management Practices manual.
- c. Continue to provide assistance to regions that have Comprehensive Irrigation District Management Plan (CIDMP) planning efforts underway. Make sure our messages regarding CIDMPs continue to get communicated to irrigation districts that are approached by the Department of Agriculture.
- d. Work with ERO to highlight the agriculture Total Maximum Daily Load Surrogate model which is to identify 303(d) listed water bodies and work with landowners on direct implementation instead of the traditional TMDL process. Monitor these projects for success and determine whether they will qualify for listing in category 4B (alternatives to TMDLs) on the next integrated list.

NWRO

Actions: Conduct field assistance visits for agricultural nonpoint sources in Northwest Region.

Performance Measure: Education and Community Outreach Specialist (Palenshus) will conduct 3 technical assistance visit per year with assistance from TMDL Lead, Stream Sampling Specialist, or other Environmental Specialist.

ERO

Actions: Respond to complaints and refer to the conservation districts/Dept. of Agriculture as appropriate.

Work with local conservation district staff, NRCS staff and agricultural producers to implement BMPs.

Seek/support funding opportunities and combinations there of to assist local agencies in funding riparian restoration and like projects to benefit water quality.

Attend CD, Irrigation district/MOU and agriculture industry meetings as appropriate.

Develop and print educational materials on the water quality and fish habitat impacts from dredging and channelizing streams.

Performance Measure: Respond to all complaints received and resolve as appropriate.

Document implementation of BMPs and develop success stories.

Attendance at meetings as requested.

Increased customer satisfaction through prompt/courteous responses

CRO

Actions: Continue to implement the Compliance Memorandum of Agreement (CMOA) between Ecology, the Washington Conservation Commission, and the various conservation districts (CDs) within CRO's area of jurisdiction. Assigned staff will respond to and investigate complaints about agriculturally related water-quality problems and allegations by following the notification, compliance, and coordination procedures specified in the CMOA and in accordance with the compliance level that the CD receiving the notification has agreed to follow.

CRO's nonpoint source specialists will coordinate with CDs, the agricultural community, and CRO's total maximum daily load (TMDL) team to engage business owners, landowners, and residents involved with agricultural activities to implement water quality improvement plans (WQIPs) for 303(d)-listed water bodies in the region. This is expected to facilitate progress toward meeting Ecology's water quality improvement goals and enhance the effectiveness and timeliness of actions taken to improve water quality and to meet TMDL targets for listed waters in the Central region and to improve and protect water quality in agricultural areas.

For areas where crop or livestock production depend on irrigation supplies and infrastructure (e.g., diversion structures, canals), staff will coordinate with local irrigation districts and irrigators to implement the N PDES program for aquatic pesticide application, as laid out in Section II.B.8 of this plan.

Performance Measures: Initiate actions to investigate and verify complaints within 7 days.

Complete ERTS reports within 60 days.

Assist Conservation Districts, as necessary, to correct problems that need immediate attention or for recalcitrant land or livestock owners in accordance with CMOA.

Attend CD board meetings, irrigation district meetings, and agriculture industry meetings as appropriate; attend at least six meetings per year.

BFO

Actions: Complaint Response; Participation in planning activities and review of agricultural dredging activities. Attend stakeholder meetings. Complete ERTS reports within 60 days

SWRO

Actions: Agriculture – Participate on Shellfish Response Plans in watersheds that require assistance with non-dairy agriculture impacts according to the Shellfish MOA.

Implement the Agriculture MOA for high priority water quality concerns for pasture-based operations. Working with the Conservation Districts and Department of Agriculture, this task addresses agricultural issues through site visits, technical assistance and compliance including enforcement.

B2. Forest Practices (7.05 FTEs)

WMS

- Develop an initial work plan describing what we need and how we will proceed to make a decision about whether or not Ecology will need to do TMDLs on land subject to the forest practices rules after June 30, 2009.
- Represent Ecology on the Forests and Fish Cooperative Monitoring, Evaluation and Research Committee and make sure research to support Ecology's 2009 decision moves forward.
- Serve as Ecology's representative on Forests and Fish Adaptive Management Program subcommittees to develop guidance and tools to implement the Forests and Fish Program.
- Work closely with DNR rule-writing staff to identify and resolve any water quality issues associated with DNR's revision to the forest practices rules related to small forest landowners. Ecology must concur with any forest practices rules that affect water quality prior to adoption of those rules by the Forest Practices Board.
- Work with the Department of Natural Resources to revise other sections of the forest practices rules, as necessary.
- Support Ecology's member on the Forest Practices Board.
- Coordinate sharing of Forest Practices information and discussion of issues with other Ecology staff. Help resolve issues related to water quality protection associated with forest practices.

NWRO

Actions: Performs interdisciplinary field inspections of proposed forest practice projects for environmental compliance and responds to forest practice related environmental complaints. The position also conducts state and industrial land Road Maintenance and Abandonment inspections (emphasis on lands with 303d listed waters) and provides technical assistance to DNR staff related to shorelands, wetlands, or water quality legal interpretations. Also gives forest practice/water quality-related presentations to USFS, state, or private interest groups

Performance Measure: Field inspections will be reported in the monthly report using the TFW activities chart. Forest Practice Engineer (Shervey) will conduct 20 field inspection/technical assistance visits per year.

SWRO

Actions: Outreach will include limited involvement with the US Forest Service to provide technical assistance on water quality issues such as erosion control, road maintenance, and stream temperature. Reduced coordination with other federal agencies,

such as Bonneville Power Administration, US Fish and Wildlife, and NOAA Fisheries will be continuing on a limited basis. HCPs will require participation when submitted. Review will be based on watershed priorities and resource impacts. RMaps will be reviewed based on watershed priorities. Complaints will be investigated based on resource impacts and watershed priorities. Enforcement will occur as needed to address forestry violations based on resource impacts. Participate on interdisciplinary review teams with WDFW, DNR and tribal interests to review forest practice projects for environmental compliance. Review and comment on policies, documents, and inter-and intra-agency actions.

Performance Measure: Performance targets will include: Interdisciplinary review teams and alternate plan reviews – 46, Forest Practice related complaint responses – 48, State or industrial RMAP inspections – 24, Technical assistance (site visits, telephone responses, meetings, etc.) to DNR, state, local government, tribal, federal staff or private interests – 500, Forest practice water quality presentations – 5, Inter/Intra agency reviews of documents (SEPA, regulation review, harvest reviews, Technical Advisory Groups, stream typing, etc.) -100.

ERO

Actions: Represents Ecology in forest practices compliance monitoring activities related to the Forest and Fish program. Work with the Department of Natural Resources, the Washington Department of Fish and Wildlife to plan and conduct scientifically-based compliance monitoring of forest practices activities on state and private forestlands.

Conducts field and office evaluations related to the effects of forestry on water quality. Participate in inter-disciplinary teams related to alternate plans and Road Maintenance and Abandonment Plans (RMAP).

Respond, when possible, to request for assistance or participation in initiatives on or concerning National Forest Lands within the region.

Participate in USFS/Ecology annual meeting on MOA.

Performance Measure: Complete field surveys of sites chosen for the compliance monitoring study in the eastern region, including working with DNR, WDFW and west-side Ecology forestry people to analyze and present statewide results.

Coordination with Colville and Umatilla National Forest staff

Attendance at annual meeting.

CRO

Actions: Implement the interagency agreement between the Washington Department of Natural Resources (WDNR) and Ecology to provide forest practices compliance monitoring. Staff will participate with the WDNR's interdisciplinary review teams (ID teams) to inspect, evaluate and consult on proposed forestry projects to determine the level of compliance with specified elements of the state's Forest Practices Act (FPA).

Perform watershed analyses and evaluate road maintenance and abandonment plans (RMAPs).

Staff will assist WDNR staff, as needed, on riparian management zones, wetlands or water quality legal interpretations to help resolve issues related to water quality protection associated with forest practices and to provide compliance assistance. Perform effectiveness monitoring; work with small forest landowners to achieve compliance with state forest practices regulations; assess a range of issues or actions that may affect water quality and aquatic habitats such as erosion control, road maintenance, and habitat impairments caused by fine sediments, altered hydrology, and temperature impacts from silvicultural activities.

Coordinate with WDNR when asked to respond to water-quality problems or complaints related to forest practice activities. Investigate complaints based on resource impacts and watershed priorities. Take enforcement when necessary to address violations and achieve compliance in a timely fashion.

Staff may engage in a number of activities with the WDNR, including forest conversions, effectiveness monitoring, participation on ID teams, which include representatives of WDNR, the Washington Department of Fish and Wildlife (WDFW), and tribal interests, for monitoring and compliance assessments and assisting small private landowners. Upon request, review and comment on policy analyses or policies, documents, recommendations to the state Forest Practices Board, and inter- and intra-agency actions relating to forest practices and compliance with the FPA.

Staff will participate in meetings and field tours with the U.S. Forest Service (USFS), upon request, to review implementation of the intergovernmental memorandum of agreement (MOA) for water quality protection on National Forest System lands, including the Wenatchee and Okanogan national forests.

Consult with CRO's TMDL team to facilitate and enhance successful TMDL implementation on forested lands in watershed areas with mixed federal, state, and private ownership, and incorporate forest practice rule requirements into water quality improvement strategies to comply with state water quality standards and the federal Clean Water Act (CWA).

Performance Measures:

- Participate on interdisciplinary review teams – at least half of ID team meetings
- Follow up on forest practice related water quality complaints and complete ERTS report within 60 days
- Timely response to state or industrial land RMAP inspections, emphasizing 303(d)-listed waters
- FPA compliance monitoring
 - WDNR Northeast Region – 1 by CRO staff
 - WDNR Southeast Region – 2 small forest landowners, 5 industrial landowners

B3. Urban/Rural Growth (0.80 FTEs)

WMS

Actions:

- Complete technical work for the Redmond Urban Watersheds Initiative.
- Work with stormwater permit staff and general permit staff to make sure the two programs move toward a more common understanding on what these programs can do and where there are limitations.

NWRO

Actions: Conduct field assistance visits for nonpoint sources in urban and rural growth areas of Northwest Region.

Performance Measure: Education and Community Outreach Specialist (Palenshus) will conduct 3 technical assistance visits per year with assistance from TMDL Lead, Stream Sampling Specialist, or other Environmental Specialist.

SWRO

Actions: Urban/Rural Growth - This position responds to requests and complaints concerning work in the water, small construction sites under one acre, and miscellaneous residential complaints. This position coordinates with other Ecology programs, Dept. of Fish and Wildlife, and local governments to address water quality nonpoint issues.

ERO

Actions: Provide technical assistance to local permittees, municipalities, utilities and others, principally within the Spokane region, on issues relating to the origin, transport, and fate of toxics and their impact upon receiving waters.

Performance Measure: Collaborative development of strategies, including permit conditions where applicable, to identify, treat, reduce, or otherwise mitigate the impact of toxics upon receiving waters.

CRO

Actions: Review and comment on SEPA documents received for urban and rural development projects, including forest conversions; proposed or existing local ordinances; and project approvals by other departments or local governments. The purpose of these reviews is to determine whether any permits are required for the projects or actions to prevent water pollution and to provide comments that will facilitate the permitting process, as appropriate. Coordinate and work cooperatively with staff in other Ecology programs, local governments, WDFW, and WDNR (for forest practices activities that may involve preparing land for development), to ensure that project and permitting requirements are accurately communicated to project proponents. Participate with and assist local governments to address high-profile or large-scale developments with special needs. Provide timely and effective technical assistance to facilitate compliance with permitting and water quality protection requirements. Follow up on and investigate water quality complaints related to residential, commercial, and other development projects. Coordinate as necessary with local governmental

entities, WDFW, WDNR (for forest practices complaints), and other entities to facilitate interagency communications and outreach efforts to achieve compliance in a timely and effective manner.

Performance Measures:

- Initiation actions to investigation and verify ERTS reports within 7 days.
- Complete ERTS reports within 60 days.
- At least once a month, present and discuss water quality permitting requirements with prospective proponents, local government officials, and industry groups.
- Increase the number of stormwater general permits applied for and issued in the region by 50 percent each year to effect a 50 percent increase in compliance rates.

BFO

Actions: Complaint Response. Participation with local governments in addressing high profile developments with special needs. Attend stakeholder meetings. Review SEPA, and proposed and existing local ordinances. Complete ERTS reports within 60 days.

B4. Habitat Alteration (dams, FERC, etc) (4.10 FTEs)

WMS

Actions:

- Provide coordination and assistance to regional Water Quality Program staff as requested on 401 certification issues related to Federal Energy Regulatory Commission (FERC) dam relicensing projects.
- Coordinate meetings with staff and others working on 401 hydropower water quality certifications to identify and deal with policy issues that come up and need resolution. This will be done on an as needed basis and driven by specific coordination needs.
- Provide Hydropower Guidance Manual oversight and upkeep.
- Continue to work on Columbia-Snake River gas abatement with the federal agencies. Continue to explore options on how to achieve an even regulatory playing field for dams (federal vs. State dams).
- Develop systems to track 401 certification development and license conditions for hydropower relicensing projects. These will be used to both assist staff to track timelines during relicensing and workload commitments in the 401 certifications and assist management and others tracking FERC relicensing projects
- Track work done at both Ecology and the Washington Department of Fish and Wildlife (WDFW) on FERC-relicensing, related to fees obtained through the hydropower fee legislation that passed the 2007 Legislature. Compile work efforts in order to produce biennial reports due to the legislature to justify how fees are being spent.
- Manage the contract with WDFW on the implementation of the hydropower fee bill. This includes developing a work plan that identifies key deliverables that WDFW will provide for the upcoming biennium.

NWRO

Actions: Provide cooperative engineering technical support to NWRO's Industrial Unit for the relicensing of the Baker Dam.

Performance Measures: Provide technical support as needed to the Industrial Unit. The ultimate performance measure will be the water quality certification for this project.

401 Certifications

Actions: Review and track water quality parameter studies supporting 401 certifications for the Jackson and Twin Falls Hydroelectric License Projects. Unanticipated and unplanned amendments to existing 401 certifications may occur such as the added work load at the request from Twin Falls to amend their certification.

Performance Measure: Work with Snohomish PUD to review proposals, require, analyze and track the studies necessary for the Jackson Hydroelectric License Project certification scheduled for 2011 all in conformance with the new tight deadlines of the complex Integrated Licensing Procedure.

SWRO

Actions:

- Review FERC licensing projects
- Respond to enquiries
- Review non-FERC dam projects (removal, construction, maintenance e.g.)
- Participation in habitat restoration projects (riparian, streams, wetlands, channel alteration e.g.) including correspondence, meetings, document review, coordination
- SEPA review for all of the above

ERO

Actions:

- Provide technical assistance to FERC relicensing applicants.
- Box Canyon Dam: Implementation of 401 certification for Box Canyon Dam.
- Boundary Dam: Participate with Seattle City Light and other stake holders on the development of the integrated licensing process for Boundary Dam.
- Avista Dams: Spokane River Hydroelectric Project relicensing. Develop 401 Water Quality Certifications for the Avista Corporation's hydroelectric projects on Washington State's portion of the Spokane River. Coordinate with EPA and Idaho on interstate issues of concern.
- Priest Rapids Dams: Begin implementation of Grant County PUD's 401 Water Quality Certifications for Priest Rapids/Wanapum dams.

Performance Measure:

- Issue 401 Certification for the four Spokane River Dams (however, application may be withdrawn/reapplied one or more times).
- Implement initial scheduled items for 401 Certifications for Priest Rapids/Wanapum dams.
- Coordinate review/approval of TDG Abatement Plan, Water Quality Monitoring Plan and Aquatic Plant Management Plan for Box Canyon dam, plus oversight of follow-up implementation.

CRO

Actions: Continue participating in the Federal Energy Regulatory Commission (FERC) licensing process for six hydropower facilities under jurisdiction of the central regional office (i.e., Wells, Rocky Reach, Rock Island, Enloe, Trinity, and Tieton). These activities include participating in various work group and policy committee meetings to develop settlement agreements and Section 401 water quality certifications for pending FERC license orders.

The Douglas County PUD recently initiated the integrated licensing process (ILP) for Wells Dam, which is expected to continue through at least 2010 and is the first ILP that CRO staff has participated in. Settlement discussions for the Wells project will be a major focus area in FY2008 and 2009. According to the Douglas PUD's ILP calendar, we anticipate the Douglas PUD to request a 401 certification for the Wells project in August 2009.

Additionally, two new dams have been proposed in the region – Shanker's Bend on the Similkameen River (Okanogan PUD) and one on the Cle Elum River (Grant PUD). CRO staff will participate with the appropriate agencies, when appropriate, to develop 401 certifications and potentially settlement terms.

Provide regulatory oversight of project implementation by the Chelan County Public Utility District (Chelan PUD) to ensure compliance with the 401 certification for the Lake Chelan Dam license order, issued in November 6, 2006, and water quality elements included in the FERC license order and multiparty settlement agreement.

To support these projects, staff determines potential water quality issues of concern and studies needed to evaluate the potential project impacts and mitigation measures (e.g., modeling, fish management), and negotiates the terms and conditions of settlement to address project impacts with the proponent, other resource agencies, special interest groups, and tribal interests. Usually, the objective is to negotiate a settlement agreement with all parties and then incorporate the terms of settlement into the 401 certification. For situations where the details have not been completely resolved by the settlement, any remaining details that relate to water quality protection and reasonable assurance may be included in the 401 certification.

CRO staff will provide technical support on the Condit dam removal project once the 401 certification and accompanying compliance order has been issued. PacificCorp,

the owner of Condit dam, will be required to obtain a construction stormwater permit for the project, before work commences on the project. Construction on this project is expected to begin in 2008 or 2009, and is expected to require a substantial commitment from CRO's construction stormwater inspection team once it starts.

CRO will support the FERC Work Group's development of Ecology's FERC dam guidance and participate, as necessary and as time permits, with the Northwest Hydropower Association annual conferences and workshops.

The 401 certification for EPA's NPDES permit for the Leavenworth National Fish Hatchery (LNFH) will require several studies to address certain fish passage and flow issues in Icicle Creek and to improve water quality in the Wenatchee River basin. Because this facility has expanded its operations significantly since its initial NPDES permit was issued in 1974, the U.S. Fish and Wildlife Service is required to prepare Tier II Antidegradation analysis to support the 401 certification. Once issued, staff will track compliance with the 401 certification during the biennium. Technical Unit staff will provide technical support and expertise, as needed, for the LNFH permit.

CRO staff will participate in a comprehensive review of recent revisions to the U.S. Forest Service's operations manual pertaining to plans of operations for small mining operations on National Forest Lands. Those revisions require a CWA 401 certification for every plan of operations for small mines. Procedural guidelines are needed to guide Ecology's process for reviewing requests for 401 certifications, decisions on those requests, and required 401 conditions. It is anticipated that these permits will cover access roads to mine sites as well as the mining operation and projected area of impact. PMT sponsorship and a small working group will be needed to support this process; the working group will include select WQP and SEA program staff, and PMT co-sponsors Denise Mills and Stephen Bernath (PMO).

Performance Measures

- Participate in settlement negotiations for the Wells Project (Douglas County PUD)
- Continue efforts to prepare 401 certifications for federally-licensed hydropower projects – Enloe Dam, Wells Dam
- Complete 401 certification for federal facilities requiring an NPDES permit by June 30, 2008 – LNFH
- Provide compliance assistance for projects with and track compliance with 401 certification(s):
 - Chelan PUD – Mitigation projects associated with Lake Chelan Dam FERC license order
 - LNFH – Water quality improvement efforts associated with NPDES permit (during FY 2009)
- By June 30, 2008, complete review and decision guidance pertaining to small mine operations on National Forest Lands.

B5. Recreation (0.10 FTE)

ERO

Actions: Liaison with WDFW on fisheries management issues. Participate and advise lake property owner groups on lake water quality issues.

CRO

Actions: Staff will coordinate with the USFS, upon request, to review forest travel plans for the Wenatchee and Okanogan national forests. These travel plans establish rules for motorized and nonmotorized transportation on National Forest Lands, and includes establishing designated routes, and provisions for route maintenance and mapping. Participation in these reviews by Ecology provides an opportunity to coordinate environmental protection strategies with USFS staff in each forest district.

Performance Measures:

- Review forest travel plan for National Forest Lands in region – 1 each fiscal year
- Participate in field tours and inspections of planned travel routes with Region 6 USFS staff – 1 each fiscal year

B6. Education and Outreach (1.75 FTEs)

WMS

Actions:

- Publish 20 to 30 nonpoint and TMDL success stories in coordination with regions.
- Advise and assist regions and HQ sections within the water quality program on public involvement strategies for stormwater, permits and other activities.

NWRO

Actions: Develops and manages the Algae Control Program and Washington Lakes History website.

Performance Measure: Will be responsible for coordinating outreach to lake residents and general public about the blue-green algae program. During the first year, performance will be based on the number of documented call received and the number of lab analysis conducted.

Will enter date into a database and website that displays the aquatic weed grant project summaries and herbicide treatment permit histories for Washington lakes. A minimum of 30 lake histories will be completed each year and placed on the website. The website will be updated at least every 3 months.

Actions: Conduct public education, public involvement, and outreach assistance for nonpoint source pollution issues in Northwest Region.

Performance Measure: Education and Community Outreach Specialist (Palenshus) will conduct 4 displays and 2 Focus/Fact sheets per year with assistance from TMDL Lead, Stream Sampling Specialist, or other

SWRO

Actions: Provide presentations, letters, or other methods to inform the public, agencies, or tribes about water quality laws and regulations, lakes, resource protection, or other information about the water quality nonpoint program

ERO

Actions:

- Participate in ERO coordinated events such as fairs, Ag Expo, etc.
- Sponsor or coordinate educational events.
- Give presentations at conferences and schools.
- Provide teachers and others with educational materials.
- Provide opportunities for the public to be active in environmental projects through tours, monitoring and other volunteer activities.
- Make presentations at conferences, workshops and other training sessions.

Performance Measure: Number of presentations given; participation in events; educational materials distributed.

CRO

Actions: Staff will send correspondence and make presentations to inform other governmental agencies (state and local), county commissions and city councils, business owners, civic groups (e.g., Lions, Kiwanis), and the general public about water quality laws and rules and water quality protection measures. These communications may cover permit requirements, wastewater treatment needs, and activities necessary to achieve water quality improvement targets identified in Ecology's TMDL submittals. Staff will also work with schools, conservation districts, and local interest groups to coordinate educational events, give presentations, and provide educational materials on nonpoint source pollution and water quality protection measures.

For stormwater education, regional staff will develop construction stormwater permit, industrial stormwater permit, and municipal phase II stormwater permit outreach programs for select audiences. Additionally, staff will meet with a select portion of new construction stormwater permittees to explain the permit, requirements to comply with the permit, and answer questions. This outreach is expected to increase awareness among permittees of the risks of water quality impacts from their activities and measures they can take to prevent water quality degradation. It is also expected to help increase compliance among permittees who have been reluctant to comply in the past.

Staff will assist the USFS to inspect and consult on small mining operations on National Forest Lands for precious metals prospecting (e.g., placer mining), and

mining operations state and private lands where there is a potential to discharge sediments into waters of the state. This work continues efforts begun in FY 2007 at the request of the USFS (Wenatchee National Forest, Cle Elum District) to inspect active mine sites and consult with the operators on the need to use appropriate best management practices to prevent sediment movement in surface water and consequent water quality impacts. Through regular contact with small mine operators, staff may advise some to obtain a discharge permit, which could increase the number of NPDES permits managed in CRO.

Performance Measures

- Deliver stormwater permit presentation and educational materials to each of seven counties in the region, once each year
- Provide teachers and students with educational materials – 6 times/yr

BFO

Actions: Participation an Shellfish closure response teams and communication with BFO staff

B7. Monitoring and Enforcement (1.65 FTEs)

WMS

Actions: Work with EAP and regional offices to design and implement an effectiveness monitoring program that meets our 319 and TMDL needs

NWRO

Actions: Conduct monitoring and enforcement assistance for Northwest Region nonpoint source management.

Performance Measure: Stream Quality Specialist will conduct 3 nonpoint sampling per year with assistance from local complainant, TMDL Lead, or other contact.

SWRO

Actions: Review compliance with water quality laws by the public and other agencies through SEPA, technical assistance visits, and compliance inspection visits. Inspections of non-storm water concerns will be based on workload, TMDL and watershed priorities, resources at risk, and other agency jurisdictions. Enforcement will be completed as necessary based on TMDL and watershed priorities, resources at risk, workload and other agency jurisdictions. Responses to Agricultural (1) and Urban/Rural (3) compliance and monitoring issues will be based on priority.

ERO

Actions:

Investigate all non point water quality complaints in a timely manner and take appropriate technical assistance and/or enforcement measures to ensure compliance.

Initiate enforcement actions as required.

Conduct inspections as scheduled and/or needed.

Provide presentation on Ecology's enforcement protocol to TMDL groups, conservation districts and other parties by request.

Performance Measure:

Monthly records of complaint response and actions taken.

Number of inspections.

CRO

Actions: Staff will investigate nonpoint source water quality complaints in a timely manner, except those at dairies and feedlots, which the Washington Department of Agriculture (WSDA) is responsible for. Complaints of agriculturally-related water quality issues will generally be followed up on consistent with the CMOA with local conservation districts, as described in Section II.B.1 of this plan. Conduct inspections as scheduled or as necessary to determine compliance. Staff will provide education and technical assistance, as appropriate to help achieve compliance.

Inspections of non-stormwater concerns will be based on workload, TMDL, an assessment of natural resource impacts and the resources at risk, watershed priorities, and other criteria. Decisions to take enforcement actions for validated complaints will be based on the same criteria as well as the seriousness of the problem(s) reported. Usually, staff will initiate enforcement actions for egregious problems or when it is evident there has been no progress toward achieving compliance.

Performance Measures

- Initiate investigation and verification of ERTS complaints within 7 days.
- Complete ERTS reports within 60 days.
- Maintain a monthly record of ERTS complaints, actions taken, and outcomes.
- Investigate violations found during complaint response and take appropriate enforcement actions:
 - Informal enforcement action within 2 weeks after the investigation
 - Formal enforcement action within 30 days, whenever reasonably possible

BFO

Actions: Investigations of violation detected during complaint response. Issue informal/formal enforcement actions, as necessary

B8. Nonpoint Planning (1.35 FTEs)

WMS

Actions:

- Submit the biennial 319 grant application to EPA.
- Write four 319 progress reports and submit them to EPA (due in July and March).

- Ecology will submit an annual end-of-year report by February 15 of each year.
- Manage the state Nonpoint Work Group and the Direct Implementation Fund.
- Develop reporting guidance and requirements—to address EPA concerns on accomplishments. Develop a reporting template with regions and other state agencies to report on milestones from the nonpoint plan: reductions in nitrogen, phosphorus, and sediment; miles of riparian areas improved; and miscellaneous accomplishments.
- Adapt Financial Management Service database to capture Environmental Effectiveness and GRTS data (Grants Reporting & Tracking System) from reports. Track development of excess money in grants' life cycle and develop amendments to re-distribute excess to projects of value to implementation efforts.
- Provide oversight on staff charging to 319 to make sure the grant agreement does not need to be amended.

ERO

Actions

Participate in HQ development and modification of the State's Nonpoint Plan Plan, allocate and prioritize staff efforts to efficiently address nonpoint source pollution in the region.

Participate in HQ initiatives to address nonpoint source pollution in the State.

Performance Measures

Timely submittal of inputs and comments

Document initiatives to improve on deliverables

B9. Other (1.05 FTEs)

SWRO

Actions: Provide technical assistance for activities resulting from TMDLs. Review SEPA for the Watershed Resources Unit. Provide technical editing on program documents. Review policy documents; participate on advisory committees; grant review. Participate on Shellfish Response Plans in watersheds that require assistance with non-dairy agriculture impacts according to the Shellfish MOA. Implement the Agriculture MOA for high priority water quality concerns only. Review policy documents; participate on advisory committees; grant review.

ERO

a) Lakes/Estuaries/Canals

Actions:

Participate in Lake Roosevelt Forum and water council functions.

Represent ERO in monthly Lakes Work Group conference calls and state lakes program development.

Serve as Ecology's ERO point of contact for lake homeowner groups and lake management districts

Provide technical assistance to ERO, other agencies, and public for lake management issues including aquatic plant control, lake shoreline restoration, habitat restoration, and lake water quality monitoring.

Serve as interprogram and interagency coordinator on Eastern Washington lake enhancement projects

Assist Ecology and sister agency staff on lake user education.

Performance Measure: Meeting attendance, Public presentations to citizen groups, Record of responses to enquiries, lake educational materials, lake restoration and monitoring plans, SEPA project comments, Annual regional lakes conference

b) Riparian Restoration

Actions: Work with local conservation district staff, Natural Resource Conservation Service staff and agricultural producers to implement riparian Best Management Practices (BMPs) in Asotin, Whitman, Adams, Garfield, Walla Walla and Columbia counties and in Stevens, Lincoln and Spokane counties

Performance Measure: Number of restoration projects implemented, miles of fencing; number of native vegetation planted.

c) Pesticides

Actions:

Issue aquatic pesticide NPDES permits and monitor projects.

Participate in permit development and policy and procedures discussions.

Provide information and advice on use of aquatic pesticides.

Performance Measure:

Issue permits in a timely fashion.

Respond to enquiries promptly.

CRO

Actions:

Lakes/Estuaries/Canals:

- Respond in a timely fashion to information requests and complaints that concern water quality in lakes and irrigation canals.
- Participate in regular workgroup meetings, so long as this participation does not interfere with other work priorities in the section.
- Review lakes grant applications and provide technical assistance for lakes projects.

Pesticides

- Assist in implementing the NPDES permit program for aquatic pesticide application in surface waters.
- Conduct field inspections as necessary. The target for inspections will be 10 percent of active permits.
- Review and comment on submitted documents or plans, such as integrated pest management plans.

Performance Measures

- Perform irrigation permit inspections – 2/year
- Perform rotenone inspection (if an application is received) – 1/year

Regional and Subregional Impacts to Ground Water

- In coordination with the Department of Agriculture, work with local government leaders to develop a strategy for characterizing and evaluating alternatives to address nitrate contamination in shallow ground water in the Lower Yakima Basin. Participation and support from the local health district will be an essential success factor for this effort.
- With assistance from EAP and the Wenatchee River Water Quality Subcommittee, develop a study plan to identify shallow subsurface sources (i.e., groundwater fluxes) of phosphorus and fecal coliform loads into the Wenatchee River. Use this information to identify the areas where water quality improvement actions will lead to water quality improvements specified by TMDLs completed in 2007 and early 2008.

C.Control Stormwater Pollution (52.35 FTEs)

C1.General Permit Development (2.3 FTEs)

PDS

Actions:

Municipal Stormwater General Permits

- Support appeals of Phase I and Phase II Eastern and Western Washington Stormwater General Permits
- Provide technical assistance internally and externally on municipal general permits, including TMDL provisions, stormwater programs, stormwater policy, stormwater workshops and other stormwater-related issues

Issue WSDOT Stormwater General Permit

- Review WSDOT's Stormwater Program and Highway Runoff Manual to craft permit conditions
- Complete MOA/Implementing Agreement
- Issue Final Draft Permit and Fact Sheet for Public Review – Spring 2008
- Provide Workshops and Hearings –January - March
- Issue Final Permit - Fall 2008
- Support permit, upon appeal

Reissue the Industrial Stormwater General Permit:

- Reissue Industrial Stormwater General Permit – May 2008
- Develop policy and procedures for industrial stormwater general permit through the permit implementation work group
- Provide technical assistance, and support on appeal
- Report to legislature on water quality –based effluent limits for 303(d) waters

Construction Stormwater General Permit:

- Modify Construction Stormwater General Permit by November 2007
- Revise SWPPP guidance documents
- Develop a site award/recognition program for compliance
- Lead Permit Implementation Work Group
- Provide technical assistance, sampling workshops, data management and enforcement.
- Revise other permit-related guidance documents
- Update Stormwater website as needed.

NWRO

Actions: Senior stormwater inspectors will participate in the development and implementation of new stormwater permits.

SWRO

Actions: The Section will participate on the implementation teams for the reissued Phase I and new Phase II stormwater permits, Construction Stormwater Permit, and Industrial Stormwater Permit.

Performance Measures: Participation on the various implementation teams.

ERO

General Permits Development

Actions: Assist HQ in implementation of the Construction, Municipal Phase 2 (Eastern Washington) and Industrial SW Permits. Provide information and assistance for potential permittees.

Performance Measure: Number of contacts and referrals.

CRO

General Permit Development and Administration (municipal, industrial, construction)

Actions: Staff will continue to participate with the municipal permit team to develop outreach and technical assistance strategies and materials to help permittees comply with the permit requirements. CRO staff will continue to participate with the industrial stormwater permit team through completion and issuance of the new permit in 2008, and with the municipal stormwater permit team to facilitate administration of the Phase II general permit.

The Watershed Unit will administer general permits issued to all local governments in the region covered by the Phase II municipal stormwater general permit, to industrial facilities covered by the industrial stormwater general permit (ISWGP), and for land development or other construction projects covered by the construction stormwater general permit (CSWGP). Provide technical assistance to potential permittees regarding the application process, permit requirements, and best management practices. Act as lead agency for environmental reviews required by the State Environmental Policy Act (SEPA), when appropriate. CRO staff expects the number of facilities covered by the ISWGP and CSWGP to increase by up to 20 percent over the next 2 years.

Performance Measures

Increase number of facilities covered by stormwater general permits by 50 percent each year.

BFO

Actions: Serve on Municipal, Construction and Industrial Stormwater Permit work groups to issue permits and implementation plans

C2. General Permit Administration (8.53 FTEs)

PDS

Actions:

Municipal Stormwater General Permits

- Issue coverages
- Track annual report submittals
- Input permit information into WPLCS
- Support regional administration of MS4 permits
- Administer WSDOT permit

Actions:

Industrial and Construction SW General Permit Administration

- Issue coverage, transfers, terminations, and certificates of no exposure
- Input information into WPLCS
- Assist in WPLCS development for new permit conditions
- Assist in WPLCS re-development, as needed
- Serve to coordinate SEPA, when Ecology is lead agency
- Maintain and improve databases

Performance measure: Reduce the time it takes to get a construction permit by 20%.

NWRO

Actions: Implement Port of Seattle as a secondary Phase II Permittee.

Performance Measure: Compliance with permit conditions in the Phase II permit.

Actions: Conduct permit administration and technical assistance visits for General Municipal Stormwater Permits in Northwest Region.

Performance Measure: Municipal Stormwater Specialists (Dettelbach, Davenport-Smith, & McCrea) will administer a total of 49 municipal stormwater permits and cumulatively provide at least 1 technical assistance visit per year per permittee.

Actions: Implement General Permit Programs

Performance Measure: Provide oversight and technical assistance to staff to implement industrial & construction general permits.

SWRO

Actions: The industrial unit will continue to administer the **Industrial Stormwater** NPDES permit to over 525 existing facilities and will act upon new proposals and significant changes to existing sites. Similar activities will be conducted for Construction Stormwater facilities, and Municipal Stormwater Permittees.

Performance Measures: actions requiring regional response will be executed.

ERO

Actions:

Review applications and evaluate facilities for coverage requirements

Provide Tech assistance to potential permittees concerning application process and other requirements

Perform Lead Agency requirements for SEPA when necessary

Performance Measure:

Provide timely responses

Timely submittal of required documentation to HQ

CRO

Actions: Staff will coordinate with other agencies and with project proponents, as appropriate, to prepare, review, and/or comment on environmental reviews of construction projects in the central region. Perform compliance inspections for permitted construction activities, as required by project demand and as time permits. These regulatory functions will be carried out for Washington Department of Transportation (WSDOT) projects, energy development projects authorized by the Energy Facility Site Evaluation Council (EFSEC), and Kinross Gold U.S.A. (Buckhorn Mountain Mine Project). CRO's work with EFSEC on the Wild Horse Wind Power Project, in Kittitas County, is being done in accordance with an agreement between EFSEC and Ecology, which includes a fee for service provision.

Performance Measures

Perform project inspections – 6/year

Attend project planning meetings – 6/year

C3. Client-Specific Permits (Dedicated funds, HQ DOT work) (3.28 FTEs)

PDS

Actions:

Review and provide technical assistance on DOT 401 project proposals

- Apply engineering design analysis for proposed stormwater pollutant control programs and technologies
- Evaluate proposed stormwater management practices to determine the pollutant removal effectiveness, operational feasibility and compliance with state and federal environmental laws
- Complete highway runoff manual review - December 2007
- Provide technical assistance to WSDOT projects, including WQP project reviews and permitting - on-going

- Support the alternative mitigation pilot projects, if funding becomes available
- Provide technical assistance to WSDOT's basin planning effort – mitigation that works

NWRO

Actions: Conduct client-specific stormwater inspections to collect evidence, prepare written reports, and initiate informal and formal enforcement actions to achieve permit compliance.

Performance Measure: Bob Penhale will provide technical and regulatory assistance to WSDOT's Environmental liaisons and Sound Transit Light Rail Project. Chris Dew will conduct construction oversight inspections for the Brightwater project. Each stormwater inspector will be expected to conduct NPDES General Stormwater permits inspections for specific clients. Inspection schedules will be determined by the site and nature of the work.

ERO

Actions:
Assist and participate in WDOT project review and development
Perform site visits as needed

Performance Measure:
Good working relationship with WDOT

CRO

Actions: Staff will work with the Washington State Department of Transportation (WSDOT) in the Central Region to coordinate environmental review of transportation construction projects in the region. This coordination will generally be done in accordance with project demand and as time permits.

Performance Measures

- Perform project inspections – 6/year
- Attend project planning meetings – 6/year

A14. Compliance, Enforcement, Inspections (21.63 FTEs)

PDS

Actions:

- Conduct data analysis and on-going assessment and reporting on compliance issues
- Take enforcement actions on those industrial and construction stormwater general permittees who are not submitting DMRs appropriately

NWRO

Actions: Conduct stormwater inspections to collect evidence, prepare written reports, and initiate informal and formal enforcement actions to achieve permit compliance. The compliance unit will conduct 200 Industrial and 200 construction Total stormwater

permit inspections for FY07-08 have been adjusted to account for hiring and training of 3 new positions.

Performance Measure: Each Stormwater Inspector will be expected to conduct 10 inspections per month, except for Stegman who will do 5 inspections per month.

Actions: Conduct compliance and enforcement inspections as needed for General Municipal Stormwater Permits in Northwest Region.

Performance Measure: Municipal Stormwater Specialists (Dettelbach, Davenport-Smith, & McCrea) will conduct a total of 6 municipal stormwater compliance & enforcement inspections per year as needed.

SWRO

Actions: According to the stormwater legislation, House Bill 6514, Ecology will inspect each industrial and construction stormwater permitted facility within two years from July 1, 2005. Sites will be inspected and provided on-site technical assistance based on resources at risk and Section priorities. Enforcement will be completed as required based on resources at risk and severity of impact.

Performance Measures: Meet legislative direction for completing inspections. This would require approximately 250 Industrial Stormwater and 200 Construction Stormwater compliance inspections per year. Take enforcement as appropriate.

ERO

Actions: Conduct approximately 23 general permit inspections of industrial stormwater permit holders per year (46 per biennium).

Conduct approximately 30-40 general permit inspections per year, of construction sites to determine permit eligibility and compliance. (80 per biennium)

- During the biennium, the WQ Program will add stormwater resources to accomplish expansion of the Construction General Permit to include sites for 1-5 acres. This represents a substantial increase in permit coverage. Resources that will be added to the ERO, will target unpermitted sites and assist Municipal Phase 2 permittees in implementing construction site contingencies in their permits.

Respond to stormwater complaints on industrial facilities and construction sites and initiate enforcement actions as necessary (approximately 20 per year).

Performance Measure:

Number of inspections completed.

Record of enforcement actions.

CRO

Actions: Staff will inspect sites with construction and industrial stormwater general permits and individual NPDES stormwater permits (e.g., Wild Horse Wind Power Project) and will investigate stormwater-related complaints. Staff will provide technical assistance to help permittees comply with the permit and, when needed, to help permittees understand permit requirements. We will initiate enforcement action, when necessary, to achieve compliance.

Performance Measures

- Inspect 50 percent of active sites covered by the CSWGP each year; 100 percent of covered sites during the biennium
- Complete inspection reports within 2 weeks of inspection
- Respond to all complaints within 7 days and record in ERTS
- Complete ERTS reports and close out ERTS complaints within 60 days
- Wild Horse Wind Power Project construction areas – 6/year (EFSEC contract)
- Inspect Buckhorn Mountain mine project construction areas – 6/year
- Permitted industrial facilities – 50 percent of covered facilities/year

C4. Technical Assistance/Regulatory support (advisory committee, BMPs, manuals, etc.) (14.73 FTEs)

PDS

Actions:

Stormwater technology review

- Evaluate and, as necessary, develop new source control best management practices for the prevention of stormwater pollution
- Solicit and evaluate proprietary treatment technologies to treat metal and organic pollutants from stormwater
- Evaluate existing treatment technologies for removal efficiencies for fecal coliform, metals, and organic pollutants.
- Update Ecology's Website on new technologies – continuous
- Review and evaluate proprietary and emerging stormwater control technologies
- Represent the Department of Ecology on national, state, and other committees involved in stormwater technology review and performance assessment

Stormwater Management Manual for Western WA, (SMMWW):

- Review municipal Phase I stormwater manuals for equivalency
- Provide technical assistance to regional offices for the Phase I and Phase II Eastern and Western Washington Stormwater General Permits
- Provide Low Impact Development (LID) technical assistance to stormwater control managers
- Reprogram Ecology's model to allow for low-impact or zero-impact development practices

- Provide internal and external technical assistance and training on the Western WA Hydrology Model
- Update the SMMWW, as needed
- Review of new technologies (Permanent & Construction Sites)
- Develop and update focus sheets and BMPs for specific industry operations

Eastern Washington Stormwater Manual:

- UIC technical assistance – ongoing
- Develop manual training strategy and courses for manual - on-going
- Provide technical assistance on the Eastern Washington Stormwater Manual - on-going

Analyze Data from Construction and Industrial Stormwater General Permits

- Analyze DMR data from Construction and Industrial Stormwater General Permits to determine trends and ascertain compliance
- Identify BMPs that will reduce pollutants and provide outreach materials
- Develop internal and external outreach materials using monitoring data and BMP effectiveness information
- For CSWGP, ensure that all inspection reports are summarized in WPLCS (by completing the “salmon routers”).
- For ISWGP, develop an inspection report summary form and ensure that all inspection reports are summarized in WPLCS (by completing the “salmon routers”).

Technical Assistance for Construction and Industrial Permits

- Develop policy and procedures, and provide technical assistance to ensure consistent implementation of construction and industrial stormwater general permits in collaboration with regions.
- Conduct 10 workshops to assist ISWG permittees understand and comply with requirements of new permit.

Rule Revision

- Begin rule revision process to clean-up WAC 173-226, *Waste Discharge General Permit Program*.

PMO

Actions: Responsible for formulating and coordinating the development of program policy and direction for stormwater. Responsible for leading the development of the agency municipal stormwater permit strategy including the development of the phase I and phase II municipal stormwater permits. Provide assistance and policy support for staff and management on stormwater policy issues. Lead the agencies response to the Sand and Gravel General Permit appeal.

Performance Measures: PMT sponsor and team lead for internal permit development and implementation teams for the phase I, and phase II municipal stormwater permits.

Complete draft permits for public review and comment by October 2005. Issue permits by April 2006. Represent the agency on the Eastern Washington Stormwater Steering Committee.

NWRO

Actions: Provide technical and regulatory assistance to advisory committees, permittees, and general public.

Performance Measure: Greg Stegman will participate in the Water Quality Enforcement Work Group to complete annual goals set out in their annual work plan.

Actions: The Stormwater Specialist will provide technical support for the Phase I and Phase II facility managers on the permits and technical requirements. The specialist will review two grant proposals related to stormwater control. The specialist will provide review and expertise to the Technical Review Committee with the critical requirement of regional input from an Environmental Engineering stormwater specialist. . Review city of county Phase I and II stormwater manuals for equivalency to the state manual.

Actions: Conduct technical assistance and regulatory support for General Municipal Stormwater Permits in Northwest Region.

Performance Measure: Municipal Stormwater Specialists (Dettelbach, Davenport-Smith, & McCrea) will help plan and conduct a total of 3 regional municipal stormwater permit workshops and provide a total of 6 technical assistance/regulatory support consultations per year.

SWRO

Actions: Continue technical assistance and regulatory support to existing and new permitted facilities. Conduct technical assistance construction stormwater inspections. Provide support to communities covered by Municipal Stormwater permits.

Performance Measures: Respond to referrals and requests for assistance.

ERO

Actions: Participate on stormwater related Advisory Committees as needed. Provide outreach and education to municipal and industrial stakeholders when requested.

Make 15 site visits to provide technical assistance to industrial stormwater permit holders and construction sites by end of biennium.

Assist Municipal Phase 2 Permittees on implementation of the permit.

Performance Measure:

Complete site visit plan

Attain good customer service reputation

CRO

Actions: Staff will provide support to agency committees as appropriate. Provide technical support on stormwater issues to CRO clientele.

BFO

Actions: support to permitted and non permitted sites and local governments

Performance measure: Conduct 2 stormwater education workshops to targeted audiences per year.

C5. Other (1.88 FTEs)

PDS (Education and Outreach)

Actions:

- Provide education and outreach to targeted audiences on stormwater issues – on-going
- Organize and facilitate workshops and hearings on stormwater quality issues, as needed.
- Review and plain talk section outreach and educational materials
- Assess and determine public information needs relating to specific stormwater projects on-going

PDS (Monitoring)

Actions:

- Support investigations of stormwater by EAP and through contracts to evaluate potential sources of toxics, assess BMP effectiveness and support the stormwater program
- Phase 2 Toxics Loading – Using contractor review literature and available data to estimate toxics loading from roadways

NWRO

Actions: Provide ‘other’ support for General Municipal Stormwater Permits in Northwest Region.

Performance Measure: Municipal Stormwater Specialists (Dettelbach, Davenport-Smith, & McCrea) will provide other support for General Municipal Stormwater Permits in Northwest Region as needed.

ERO

Action: Provide technical assistance to Municipal Phase 2 Permittees on implementation and regulation of 1-5 acre construction sites for stormwater.

D. Provide Financial Assistance (30.70 FTEs)

D1. Grant & Loan Program Management (5.05 FTEs)

FMS

Actions:

- **Integrated Funding Approach:** Effectively and efficiently manage the financing of water pollution control facilities and nonpoint source activities for local governments, Indian Tribes and private-not-for profits using diverse state and federal grant and loan funding programs with one application with a combined priority rating and ranking system.
- **Policy/Procedure Development:** Review and update the grant and loan program policies and guidelines based on rule revisions and updates made during the 2005-07 biennium for Chapter 173.95A WAC, *Uses and Limitations of the Centennial Clean Water Funds* and Chapter 173.98 WAC, *Uses and Limitations of the Water Pollution Control Revolving Fund* using the “Plain Talk” format. Revise and update the grant and loan application for use in the FY 2009 funding Cycle based on the rule revision and program guideline update.
- **Kaizen Event:** Implement recommendations coming out of June 2007 Kaizen Event to streamline grant and loan processes. Goals of the process are to:
 - Reduce the average time to sign agreements with recipients by 50%;
 - Reduce the time to process payment vouchers on low-risk projects from six weeks to three weeks;
 - Increase the number of projects closed-out annually by 10%;
 - Decrease the number of project extensions granted by 10%.
- **Funding Cycle:** On September 1, 2007, Ecology will open its 60-day FY09 Funding Cycle. It will close on October 31, 2007. Four statewide application workshops will be held in September to answer questions and solicit funding applications. Staff training on evaluating projects will be held in October. This training will focus on ensuring consistency on the evaluation and scoring of projects statewide. The evaluation period will conclude by December 31st. Following the evaluation period, staff will prepare a Draft Offer and Applicant List of projects for funding consideration, which will be sent to the Legislature through the Governor’s Office in January 2008. This will allow the Legislature an opportunity to evaluate water quality needs and priorities as the 2008 Supplemental Capital Budget is developed. When the Supplemental Capital Budget is approved by the legislature, Ecology will develop a Final Offer and Applicant list following the public comment period, Ecology will develop the Final Offer and Applicant list. Formal grant and loan offers will be issued at the same time. The FY 2010 funding cycle will be initiated in September 2008. The cycle of activities outlined above will be repeated ending with the publishing of the Final Offer and Applicant List in July 2009.

Program Implementation

- **Centennial Clean Water Fund (Centennial):** Manage the Centennial Clean Water Fund grant project selection for local governments and Indian Tribes to finance the planning, implementation, design, acquisition, construction, and improvement of water pollution control facilities and water pollution control related activities through the annual integrated funding approach.

	<u>FY 08</u>	<u>FY 09</u>
Spokane	\$ 5,000,000	\$ 5,000,000
Small Community Hardship Grants	2,500,000	2,500,000
Legislative Provisos	23,500,000	-----
Competitive Centennial Grants	<u>10,600,000</u>	<u>\$ 10,600,000</u>
Total Funds Available/Projected:	\$ 41,600,000	\$ 18,100,000

- **State Revolving Fund (Revolving Fund):** Develop the Final Intended Use Plan (IUP) of proposed Revolving Fund projects to be funded each funding cycle, develop and submit the capitalization grant application to EPA, prepare the Revolving Fund annual report in conjunction with Ecology’s Fiscal Office. Complete the negotiations with the EPA Region 10 to revise and update the Washington State Revolving Fund Operating Agreement.

	<u>FY 08</u>	<u>FY 09</u>
Total Funds Available/Projected:	\$ 71,000,000	\$ 60,000,000

- **CWA Section 319:** Manage the Clean Water Act Section 319 grant project selection for local governments, Indian Tribes, and private not-for-profit agencies through the annual integrated funding approach. Coordinate the selection of Direct Implementation Fund (DIF) projects for state agencies for priorities identified in the State’s Nonpoint Source Management Plan. Report to EPA on the progress of implementing the Section 319 grant program and pollutant load reduction through the Grants Reporting and Tracking System (GRTS).

	<u>FY 08</u>	<u>FY 09</u>
Total Funds Available/Projected:	\$ 1,900,000	\$ 1,900,000

- **State and Tribal Assistance Grant (STAG) Program:** Assist and coordinate with EPA Region 10 to manage activities associated with approximately 18 new and existing wastewater infrastructure projects that have been identified in federal Congressional appropriations to receive a State and Tribal Assistance Grant. Management of the projects by Ecology begins as soon as Congress has appropriated the funds. A project status report on all STAG awards developed by Ecology and submitted quarterly to EPA Region10. Ecology receives a 3% set-aside grant from EPA to manage these projects. Ecology submits a Grant Application every two years which includes a work plan of objectives, scope of work and operating budget.

	<u>FY 08</u>	<u>FY 09</u>
Total Funds Available/Projected:	N/A	

- **Coastal Cities and Construction Grants Program (201g):** Assist and coordinate with EPA Region 10 manage activities associated with the six remaining construction grant (King County Carkeek, Richmond Beach, Renton, Denny Way, Alki/West Point, and Vashon) projects. Of the six projects remaining, three (i.e. Carkeek, Richmond Beach and Renton) are officially closed-out and Ecology is in the process of archiving the files. The last three (i.e. Denny Way, Alki/West Point and Vashon) are in various stages of closure and archiving will begin soon. EPA has provided a grant to assist EPA manage the projects to closure. A work plan is included with the grant application to EPA and a progress report is provided quarterly. Ecology plans to have all projects closed and archived by December 31, 2009, which is the completion date of the Section 205(g) Grant to Ecology for managing the projects.

	<u>FY 08</u>	<u>FY 09</u>
Total Funds Available/Projected:	N/A	

- **Aquatic Weeds Management Fund:** Provide financial and technical assistance to local and state governments, tribes, and special purpose districts to reduce the propagation of freshwater aquatic weeds and to manage the problems these weeds cause. The Aquatic Weeds Management Fund (AWMF) is financed through an annual three-dollar license fee assessed to the owners of boat trailers.

	<u>FY 08</u>	<u>FY 09</u>
Total Funds Available/Projected:	\$ 300,000	\$ 300,000

- **Low Impact Development:** Continue to administer the pilot grant program to support Low Impact Development (LID) stormwater management in Puget Sound. Grant funds totaling \$2,500,000 appropriated by the 2005 legislature were offered to ten local governments. A total of 28 local governments in the Puget Sound Basin submitted grant requests totaling \$10.2 million for various types of LID techniques.

	<u>07-09 Biennium</u>
Total Funds Available/Projected:	\$ 2,500,000

- **Phase II Municipal Stormwater Grants:** Continue to administer the Phase II Municipal Stormwater Grants Program to provide “seed” funds to state of Washington communities to help them develop capacities to meet Phase II Municipal Stormwater Management Permit needs. The federal Environmental Protection Agency (EPA) mandated that a National Pollutant Discharge Elimination Permit System (NPDES) be issued throughout the state of Washington. For those local governments that have proceeded on their own initiative to establish capacities, the program provides some of the funds needed to help as they revise and update those initial efforts.

07-09 Biennium

Mason County	\$ 300,000
General Grants	\$ 2,700,000
Total Funds Available:	\$ 3,000,000

- **On-Site Septic Repair and Replacement Public-Private Partnership Grant Program, FY2008:** Funds available to establish an on-site septic system repair and replacement public/private partnership in Hood Canal. This pilot program is administered by a private, not-for-profit lending institution. The project consists of the design, development, and implementation of a low-interest loan program to assist Hood Canal homeowners with repairs, upgrades, and replacements of on-site septic systems.

Total funds available \$3,000,000

- **On-Site Septic Repair and Replacement Financial Assistance Program (On-going Program FY 2007):** Provide grants and loans to 12 Puget Sound counties and tribal governments to establish new or expand existing on-site septic system repair and replacement local loan programs. Grant and loan dollars are used to assist financially distressed homeowners for the repair and replacement of failing on-site septic systems.

Revolving Fund	\$ 6,000,000
Centennial	<u>1,500,000</u>
Total funds available:	\$ 7,500,000

To date: Five Projects Funded (seven counties and two tribes)

Revolving Fund	\$ 2,700,000
Centennial	1,500,000

New Grant Program Development and Implementation:

Develop and implement new grant programs based on Legislative initiatives approved in the 2007-09 Operating and Capital Budgets including:

Local Stormwater Grants Program: Grants for local governments for municipal stormwater programs including, but not limited to, implementation of Phase II municipal stormwater National Pollutant Discharge Elimination System (NPDES) permits, stormwater source control for toxics in association with clean-up of contaminated sediment sites, and stormwater source control programs for shellfish protection districts where stormwater is a significant contributor.

07-09 Biennium

Puget Sound Stormwater Grants:	\$ 7,000,000
Non-Puget Sound Stormwater Grants:	<u>2,000,000</u>
Total Funds Available:	\$ 9,000,000

Stormwater Management Implementation Program: Provide grants to local governments for municipal stormwater projects to plan, design and construct conventional and LID technologies to meet water quality needs and reduce changes to the natural hydrology, including, but not limited to retrofit stormwater projects in urban areas where stormwater is a significant source of pollution, identification and removal of non-stormwater discharges into municipal storm sewer systems and local stormwater projects that implement low-impact development.

	<u>07-09 Biennium</u>
Puget Sound Stormwater Grants:	\$ 17,920,000
Non-Puget Sound Stormwater Grants:	<u>3,000,000</u>
Total Funds Available:	\$ 20,920,000

Reclaimed Water Grants Program, FY 2008: Provide grants to local governments in Puget Sound to complete feasibility studies, detailed plans, design, and construction of reclaimed water projects. In accordance with Legislative provisions, priority is given to projects in water short areas, and where reclaimed water will restore important ecosystem functions in Puget Sound.

Total Funds Available: \$5,455,000

On-Site Repair and Replacement Public-Private Partnership Grant Program, FY 2008: Funds available to establish an on-site septic system repair and replacement public/private partnership in Hood Canal. This pilot program is administered by a private, not-for-profit lending institution. The project consists of the design, development, and implementation of a low-interest loan program to assist Hood Canal homeowners with repairs, upgrades, and replacements of on-site septic systems.

Total Funds Available: \$3,000,000

Algae Control Grant Program. Develop grant guidelines and implement the new Freshwater Algae Control program with pass through grants starting in the fall of 2007. The Algae Control Program will be implemented along with the workshops and technical assistance being provided for the Freshwater Aquatic Weeds program. Administer the contract for Washington Department of Health to develop statewide guidelines for toxic algae blooms and the contract for King County Environmental Labs to perform algae identification and toxicity testing. Maintain Web site and on-line database.

Total Funds Available: \$ 300,000

Ongoing Management Activities

- **Environmental Benefits Strategy - Post-Project Assessments:** Continue the “Environmental Benefits Strategy” to expand and enhance the qualitative and quantitative effectiveness and efficiency of the Legislature’s investment in water quality

improvement throughout the State of Washington based on the Joint Legislative Audit and Review Committee (JLARC) recommendations of 2001 subsequently codified RCW 70.146.090, *Grants and loans to local governments -- Statement of environmental benefits -- Development of outcome-focused performance measures*. The Water Quality Program will conduct **Post Project Assessments** through a self assessment form and interview with grant and loan recipients three to five years following project completion to track long term project outcomes and progress in achieving water quality goals. It is estimated that approximately six retroactive post project assessments will be conducted per quarter or 48 for the 2007-09 biennium.

- **Budget:** Manage funds appropriated in the 2007-09 Capital and Operating budget and re-appropriations including but not limited to the Centennial Clean Water Grant Program Funds, the State Revolving Fund Loan Program (Revolving Fund), and the state Toxics Control Fund, as well as operating funds associated with the federal Clean Water Act Section 319 Nonpoint Source Grant Program, Freshwater Aquatic Weed Fund, the Algae Control Program. Coordinate with the agency's budget and fiscal office on the capital and operating budget process and emerging budget issues. Respond to legislation as needed regarding the capital and operating budget. Coordinate with financial services agencies.
- **Financial Assistance Council:** Meet with the Financial Assistance Council (FAC) four times during the year to exchange grant and loan information and solicit advice and guidance for improving and enhancing existing grant and loan programs and assist in the development of new programs based on new Legislative initiatives approved in the 2007-09 Operating and Capital Budgets (e.g., the Local Stormwater Grants Program; the Low Impact Development and Retrofit Program; the Reclaimed Water Funding Program; etc.). The Water Quality Program will also solicit advice and guidance on policies, procedures, and guidelines used in the management of the state and federal grants and loan programs and the rating and ranking process used to select the highest priority water quality projects for funding.
- **EPA Reports:** Submit required water quality reports through separate online database programs for the Revolving Fund and for project implementation and load reduction for CWA Section 319 grants.
- **Legislative Reports:** Provide the Legislature a status report on the implementation and progress for all new funding programs appropriated in both the 2005-07 and 2007-09 biennial budgets. These include Local Stormwater Grants Program, Low Impact Development and Retrofit Program, and the Reclaimed Water Funding Program. A report on the On-site Septic Repair and Replacement Program is provided to the Puget Sound Partnership.

D2. Grant and Loan Financial Management (9.25 FTEs)

FMS

Actions:

- **All grants and loans:** Work with financial assistance recipients to develop a schedule for negotiating agreements with a target of all agreements awarded on a new list within the first three fiscal quarters of the funding offer. All projects on the funding list awarded within one year of final list and offer of funds with the initiation of work on the project to commence within 16 months of the final offer list and offer of funds. Assist Regional Project Managers and Engineers in new grant and loan agreement negotiation and complete agreements and amendments. Work with regional project managers and engineers to resolve eligibilities and timelines for awarding new agreements and amendments. Administer, process grant and loan payments in a timely manner, track program performance and project performance according to the Environmental Benefits Strategy, close grants and loans and document performance through a Final Performance Evaluation.

D3. Grant and Loan Project Management (5.55 FTEs)

FMS

Actions:

- **All grants and loans:** Effectively and efficiently administer and manage financial assistance agreements funded under the integrated funding process and the newly established funding programs appropriated by the Legislature in the 2007-09 Biennial Budget. Negotiate amendments on projects as needed. Manage and process payments on active projects. Determine eligibilities. Close out grant and loan projects as they are completed during the biennium. Provide technical financial assistance to applicants and recipients for all funding sources.
- **State and Tribal Assistance Grant (STAG) Program:** Assist EPA Region 10 manage activities associated with approximately 18 new and existing wastewater infrastructure STAG projects that have been identified in federal Congressional appropriations to receive a State and Tribal Assistance Grant. Ecology assists the STAG recipient with the EPA application process. An Ecology project manager/engineer is assigned to the project from the appropriate regional office. The project manager/engineer is responsible for providing technical assistance, document review and approval, and inspections. Ecology will provide financial management as well as technical assistance, for document review and approvals, inspections, audit resolution, and close out for 18 currently funded STAG wastewater projects

Headquarters staff provide assistance and coordination for both the Ecology regional project manager/engineer and EPA. Report to EPA on the progress of STAG on a quarterly or annual basis or according to a schedule in the work plan.

- **Coastal Cities/Infrastructure Grants/State Tribal Assistance Grants (STAG):** Continue the management of the EPA construction grants closeout strategy. Develop and monitor work plan in conjunction with EPA Region 10 Construction Grants/STAG Coordinator and prepare grant application for assisting EPA in administering the STAG program. Respond to special requests from EPA Region 10 and EPA HQ, assist in audit resolution and EPA audit appeals, manage active 205(g) construction grants projects and provide technical assistance. Respond to audits completed and assist local government reconcile audit questions and set-asides.
- **Freshwater Aquatic Weeds and Algae Control:** Negotiate and manage approximately 24 new grant agreements, prepare amendments and process payments. Coordinate technical assistance, education and outreach activities with the Environmental Assessment Program staff.

NWRO

Actions: Negotiate with recipients on grant agreements, and develop 32 grant agreements. Provide pre-agreement support, prepare grant and loan agreements and provide post-agreement support for Centennial, SRF, 319, 205(g) and STAG grant/loan recipients in Northwest Region.

Performance Measure: Regional Grant/Loan Project Managers will provide a total of 120 progress report reviews, 24 technical report reviews, 16 final report reviews, and 16 close-outs per year.

SWRO

Actions: The Financial Assistance Project Manager coordinates with financial managers in headquarters in preparing and negotiating financial assistance agreements with applicants. Staff will meet with successful applicants identified for funding on the respective fiscal year final offer and applicant lists to draft a funding agreement. Information developed will include a project scope of work, budget, completion schedule, and special conditions.

The Financial Assistance Project Manager coordinates with facility managers in administering the contract and reviewing submittals prepared under the contract for compliance with the provisions of the agreement and state law/regulation. Upon completion of project activities, the Financial Assistance Project Manager coordinates with facility managers and financial managers to evaluate completion of contract requirements, engineering requirements and recommends contract closeout or extension, as appropriate.

Liaison with Financial Management Section staff to provide tracking and overall coordination for regional grant and loan agreements. Tracking of overall project status from initiation to closeout will be performed.

Performance Measure: Financial assistance contracts in FY 2008 and FY 2009 shall be prepared and finalized in accordance with a schedule worked out with each applicant.

Project management will be performed on agreements and contracts will be closed out (or a time extension will be developed) in FY 2008 and FY 2009. Track overall project status and preparation of status updates upon request.

ERO

Actions:

- Provide assistance to potential applicants in developing and implementing grant and loan projects.
- Manage funded projects effectively.
- Make adjustments to grant agreements and grant activities as necessary.
- Provide financial assistance to local governments and others to protect water quality. Work with communities in developing partnership programs that assess infrastructure needs, identify priority projects, and build funding capacity and options. Use knowledge of funding options and contacts in other infrastructure funding agencies to assist communities improve delivery of wastewater services. Develop STEP projects as appropriate communities are identified. Build community leadership capabilities for implementing the STEP program in cooperation with the HQ STEP coordinator.
- Work with community to develop scope of work, project descriptions and budget for inclusion in funding agreements.
- Manage the ongoing technical and financial assistance to recipients toward achievement of a successful outcome.
- Promptly close out the regional component of the program's funding agreement close out process.

Performance Measure:

- Ensure that interactions with stakeholders reflect the code of conduct, emphasizing collaboration and problem solving.
- Develop the scope of work, project descriptions and budget for inclusion in funding agreements with the recipient within six months of award letter transmittal.

CRO

Actions: Provide assistance to potential applicants in developing and implementing grant and loan projects.

Performance Measure: CRO Financial Assistance Manager will close out all grants on schedule unless the grants are extended. CRO staff anticipates adding 6 new grant and loan projects through the 2008 offer list.

D4. Grant and Loan Technical Assistance (10.85 FTEs)

PDS

Actions: Work with external advisory group to help them develop a legislative proposal to support re-investment in a lakes program to include: monitoring, research, technical assistance/outreach, coordination, and lake management and restoration.

FMS

Actions:

- **Recipient Training:** Provide at least two statewide training to new and existing grant and loan recipients on grant and loan negotiations, the process for requesting reimbursement and documenting costs for grant and loan payments.
- **Engineering Technical Assistance.** Provide technical expertise and information to grant and loan applicants and recipients on state and federal statutory and regulatory engineering requirements for the state and federal grants and loans programs. Develop policies, procedures and guidelines for implementing the grant and loan programs. Provide technical assistance to Ecology staff on the Grant and Loan engineering policies and Procedures. Coordinate regional efforts to provide agency wide consistency for engineering, cultural resource preservation, and environmental review. Provide a forum for regional engineers to discuss grant and loan eligibility, procedures and other issues.
- **Ecology Staff Training:** Provide training to at least one time each year to headquarters and regional office staff training on new program guidance, policies, and procedures.
- **Water Quality Grant and Loan Data Administration:** Administration of Ecology grant and loan databases, including repair, upgrade, data entry, verification, correction, and retrieval of project information. Support for EPA mandated reporting (and reporting process development) of performance from projects that use Clean Water Act Section 319 and State Revolving Fund sources. Mapping and summarizing of project information for funding cycle needs, information tracking, and information presentation. Tracking of completed water quality improvement projects for post project assessments of water quality impacts and accomplishments since project completion.
- **Small Town Environmental Program (STEP) coordination:** Work with small communities around the state to inform and educate them on the Small Town Environmental Program (STEP) program. Present information about the program and methods in workshops and conferences when invited. Share information between small communities facing similar situations or experiences. Make presentation at the Interagency Coordination Council (IACC) conference in November 2007 and 2008. Coordinate with other funding agencies on how to structure funding packages and leverage various state and federal fund sources for small communities and participate in technical team visits to small local communities.
- **Freshwater Aquatic Weeds:** Provide technical assistance and education through the respond to about 100 public inquires regarding aquatic plants. Give ten (10) the presentations to the public per year about freshwater aquatic plants.

- *** Clean Watersheds Needs Survey 2008:** Conduct Washington State's portion of the federal Clean Watersheds Needs Survey (CWNS) 2008. Verify information, enter data into the national CWNS database and compile supporting documentation for the data submitted. The CWNS is a cooperative effort between the Environmental Protection Agency (EPA) and the states to identify existing and future water quality needs used for documenting and planning capital spending for water quality on the state and national level.

NWRO

Actions: Staff will be responsible for the efficient and professional engineering oversight of facility projects. Additionally, prior SRF projects will require oversight and engineering management as well.

SWRO

Actions: Two sources of funding are available for improvement of water pollution control facilities and water pollution related activities—the Centennial Clean Water Act fund (CCWA) and the State Revolving Fund (SRF). The Financial Assistance Project Manager in the Municipal Operations Unit provides technical oversight on all municipal projects funded by the CCWA fund or the SRF. Technical oversight includes evaluation of applications, assistance with contract forms, review and approval of general sewer plans, facility plans, engineering reports, operation and maintenance manuals, and construction quality assurance plans. In addition, the project manager also conducts facility inspections and assures all technical requirements have been met to allow for contract closeout. Under the category of general support, the Financial Assistance Project Manager also assists the program in identifying policy needs and in providing training and outreach to applicants or potential recipients. This position also participates in the Financial Assistance Engineering Work Group.

Water Cleanup Unit staff will support the headquarters Financial Management Section staff with regional efforts associated with two funding cycles for Centennial, Section 319, and SRF funding. Staff will be available at application workshops to clarify regional priorities and assist with applicant questions. Staff will also participate in the funding application review and evaluation process. The Financial Assistance Project Manager coordinates with facility managers in reviewing and rating applications.

Water Cleanup Unit staff will facilitate an annual grant and loan project development meeting(s) for SWRO clients. The purpose of these meetings is to assist potential applicants understand project considerations and scope of work elements such that they can initiate grant application materials. Topics will cover major evaluation criteria (if available) and application approaches that have proven to be successful.

Performance Measure: Provides timely assistance to the program in addressing policy, training and outreach needs. Attend two HQ directed funding cycle application workshops in FY 2008 and two HQ directed funding cycle application workshops in FY 2009. Review, evaluate, and score approximately 40 funding applications in FY 2008

and 40 funding applications in FY 2009. Facilitate and hold a minimum of one regional project development outreach meetings in FY 2008 and FY 2009.

ERO

Actions:

- Participate in reviewing and scoring of applications.
- Participate in annual training on process/application updates. Participate in workshops for potential applicants: Centennial, SRF, 319, 205(g), Aquatic weeds.
- Participate in development and revisions of policies, procedures, guidelines and forms.
- Provide technical assistance for required plans (QAPPs, riparian, education , etc).
- Make site visits, participate on advisory committees and provide technical assistance to recipients as required.
- The financial assistance project manager and/or project engineer provides technical oversight on all projects funded by the CCWF, 319 or SRF. Technical oversight includes evaluation of applications, assistance with contract forms, review and approval of general sewer plans, facility plans, engineering reports, operation and maintenance manuals, and construction quality assurance plans. In addition, the manager also conducts facility inspections and assures all technical requirements have been met to allow for contract closeout. Under the category of general support, assist the program in identifying policy needs and in providing training and outreach to applicants or potential recipients. Provide evaluation of projects for funding, assistance to the program in addressing policy, and training and outreach needs.

Performance Measure:

- Complete all reviews on time.
- Improved process

CRO

Actions: Staff will support the Financial Management Section (FMS) in administering the various grant and loan program activities. These activities include:

- Providing training and assistance to grant and loan applicants.
- Managing current grant and loan contracts and monitoring compliance with contract terms, including providing increased oversight to designated grant and loan recipients.
- Provide increased oversight to high-risk grant and loan recipients, in accordance with program policy and expectations.
- Assisting FMS staff in preparing agreements for new grant and loan awards.
- Communicating with grant and loan recipients to check on work progress, request reports when needed, and to exchange other information. Staff will communicate with grant and loan recipients by phone and in person during site visits.
- Closing out grants on schedule, unless an agreement has been extended.

In addition, staff will coordinate with FMS staff to develop an education and outreach plan for financial assistance to target potential new grant recipients, with a goal of increasing the number of applications during the biennium by 12. Staff will also develop an electronic filing system for grants and loans to reduce the amount of paper filing for the program and to increase the accessibility of information in the files.

Staff will assist with training, workshops, and outreach efforts for eligible entities who may apply for capital projects grants in Eastern Washington. Based on an agreement with WQ managers in ERO, CRO staff will provide grant administration, project tracking, and related technical assistance for grant recipients in Ecology's Central and Eastern regional operations areas.

Performance Measures

- Visit each grant and loan recipient once each year.
- Increase number of applications by 12
- Grants in region closed out on schedule
- Add six new grant and loan projects through the 2008 offer list

E. Cleanup Polluted Waters (36.05 FTEs)

E1. Water Quality Standards (3.70 FTEs)

WMS

Actions:

- Provide outreach and training on implementing key elements of the standards after they have been approved by EPA.
- Work with the permit writer manual staff to update the manual as new pieces of the WQ Standards are approved by EPA.
- Improve the breadth and usability of the water quality standards website to provide more information, guidance, and policy decisions on aspects of the water quality standards that will allow the regulated and interested public to quickly find information they are seeking.
- Complete the GIS project to map the water quality standards uses and criteria, and make available to the public when done.
- Develop a strategy and communication plan for conducting the next triennial review of the water quality standards. This strategy should include statewide public workshops to identify and prioritize standards issues for development.
- Develop a Toxics Strategy to deal with updating human health criteria, aquatic life criteria, and wildlife criteria as needed. Set up and provide training and education on how toxics criteria work to other program staff, agencies, and stakeholders that deal with or are interested in toxics issues.
- Continue to participate in the Arid West Working Group of the Western States Water Council with a focus on assisting EPA in developing guidance on the application of WQS to effluent dominated and dependent waters.
- Provide critical policy and technical reviews of emerging EPA programs.
- Track EPA criteria changes. Provide technical assistance to staff and public on these.
- Initiate restricted topic rulemaking to address dissolved oxygen issues (such as intergravel dissolved oxygen) raised during the EPA standards approval process and ESA consultation.
- Use next rule-making process to correct typos and make minor clarifications:
 - Ammonia criteria equation
 - Correct incremental warming equation
 - Primary water contact definition and shellfish criteria
 - Antidegradation Tier III Implementation: Develop Tier III guidance to help Ecology and the public understand how Tier III waters get nominated, approved for rule action and then managed once they are in place. Take action on Tier III petitions received to nominate specific water bodies as outstanding resource waters. Work cooperatively with interested stakeholders to identify water bodies that meet Tier II criteria and have a good chance for success.

ERO

Actions:

- Participate in and support HQ's process for review and update
- Respond to public inquiries of the process
- Attend regional public meetings

Performance Measure:

- Timely responses to comments
- Meeting attendance

CRO

Actions: Coordinate and consult with WMS staff to update individual permits, 401 certifications, and TMDL waste load allocations and load allocations in accord with the new state water quality standards, promulgated in December 2006.

E2. Water Quality Assessments (1.6 FTEs)

WMS

Actions:

- 2006 Water Quality Assessment: Continue to work on and complete the process of developing the 2006 Integrated Report to EPA. (PAM #45)
 - Prepare for 2006 listing cycle by converting close to 35000 records in WATS from the WASWIS water identification format to the yet-to-be-finished LLID format.
 - Provide location information that is compatible with the LLID on all new data collected.
 - Continued coordination with EIM database personnel to ensure data compatibility of data submittals.
 - Work with EAP liaison to conduct technical assessment of new data and compile this with the data results from 2004. Perform rollups of information as necessary to finalize the draft 2006 Water Quality Assessment and candidate 303(d) list.
 - Share initial results of the draft Assessment to Water Quality Program regional staff in order to provide a quality assurance element to the draft and ensure that results are consistent with regional information.
- Public Review of 2006 Assessment: Develop a communication strategy for the public review of the draft 2006 Assessment, in consultation with the program and regional PIOs. Conduct a public review of the draft 2006 Assessment when completed and submit to EPA for approval.
- WATS Database Clean-up: Continue to work on the WQ Assessment database to correct errors and make the basis statements more transparent for determining the status of the waterbody listings.
- WQ Assessment Technical Assistance: Provide on-going assistance to the public on information in the WQ Assessment, including use of the query tool and GIS mapping tool. Maintain the 303(d) email mailbox.
- Start the process for the 2008 Water Quality Assessment.

ERO

Actions:

Participate in and support HQ's process for review and update
Perform review of current assessments and forward comments to HQ
Respond to public inquiries of the process
Attend regional public meetings

Performance Measure:

Timely responses to comments
Meeting attendance

E3. TMDL scoping (1.6 FTEs)

WMS

Actions: Coordinate annual scoping of Water Quality Management Areas, ensuring that the scoping sessions focus on the best strategy to get to clean water and not just on TMDLs

NWRO

Actions: Conduct watershed scoping meetings, develop and submit EAP TMDL project proposals for Northwest Region watersheds.

Performance Measure: Regional TMDL Leads will organize and conduct a total of 1 scoping meeting per year and submit a total of 4 TMDL project requests per year.

SWRO

Actions: Conduct TMDL scoping exercises. The scoping basin for FY 2008 will be the Eastern Olympia Water Quality Management Area and the basin for FY 2009 will be the Columbia Gorge Water Quality Management Area. Scoping will involve identifying and prioritizing known and suspected water quality issues within the basin by assembling input from extensive community involvement and internal Ecology staff.

Performance Measures: A prioritized list of TMDL projects for consideration will be developed for each basin.

ERO

Actions:

The TMDL Unit will conduct scoping for the Spokane Watershed (WRIAs 54-57) in FY 08, and Upper-Columbia (WRIAs 58-61, and 52, 53)/Pend Oreille (WRIA 62) in FY 09.

According to the 2006 Workload Assessment, the Spokane Watershed currently has 16 303(d) listings which are not currently being engaged in the TMDL process. These listings are widely dispersed throughout the watershed. An emerging issue that will require attention in the next biennium is the presence of previously unidentified

toxins such as PBDEs and Pharmaceutical bi-products in the watershed. These issues will hopefully be addressed through the addition of resources targeted at Spokane River Toxics issues.

The Upper Columbia Watershed has a large number of listings, mostly in the Colville River Watershed (19 listings, mostly for temperature) and the Columbia River/Lake Roosevelt.

The Pend Oreille Watershed has 20 listings for varied parameters in the tributaries to the Pend Oreille River. These listings are not being addressed in the current TMDL effort.

Performance Measure:

Scope for potential projects within the scheduled watersheds, determine priorities, and complete scoping activities on time.

CRO

Actions: CRO staff will investigate and lay the groundwork for future TMDL projects, including contacting interested parties/agencies, forming technical work groups, assisting in sample collection and evaluation and scheduling relevant activities.

Performance Measures: Form technical committees for each of the identified projects and develop schedules for project completion. This will include the Yakima Basin Conventionals, the Methow River Temperature and Okanogan/Similkameen Rivers Conventionals.

CRO staff will investigate and lay the groundwork for future TMDL projects, including contacting interested parties/agencies, forming technical work groups, assisting in sample collection and evaluation and scheduling relevant activities.

BFO

Actions: Gather information for prioritizing TMDL work in WRIAs 1, 2 and coordinate with NWRO

E4. TMDL report development (including technical reports, summary implementation strategy and DIPs) (10.5 FTEs)

WMS

Actions:

- Perform policy review of each TMDL, guide documents through the publication process, and submit to EPA.
- Manage the South Puget Sound Dissolved Oxygen Study. The study will determine how human activities (along with natural factors) affect low dissolved oxygen levels in South Puget Sound. The results of the study may show that we need to reduce human-related sources of nitrogen to keep South Puget Sound

healthy. If reductions are needed, the study will also help determine where the reductions might need to occur.

- Organize and run an external Technical Advisory Committee of interested stakeholders for the South Sound Study.
- By September 2007, update the South Puget Sound Dissolved Oxygen Study communication strategy addressing internal and external communication. Implement the communication strategy. Communicate with regional offices on the status of the study and major issues regarding dissolved oxygen.
- By June 2009, calibrate a dissolved oxygen model of South Puget Sound and beginning running “what-if” scenarios on the model.

NWRO

Actions: Convert Phase I and phase II lake restoration plans into TMDLs for 303 (d) listed lakes with in the Northwest region of Ecology.

Performance Measure: TMDLs will be submitted to EPA for approval

Actions: Write TMDL submittal reports and Detailed Implementation Plans. Ecology and EPA will support implementation of the Technical Master Plan developed in Phase 1 of ENVVEST at the Puget Sound Naval Shipyard.

Performance Measure: Regional TMDL Leads (Svrjcek, Lawrence, Lee, & ES4 vacancy) will complete a total of 2 TMDL submittals per year and 2 TMDL Detailed Implementation Plans per year.

SWRO

Actions: Coordinate the development of water cleanup plan information. TMDL coordinators will participate in project development with technical staff from Ecology’s Environmental Assessment Program and through the establishment of a local advisory group(s) comprised of representatives from interested citizen groups, tribes, and local and state governmental entities. TMDL coordinators will oversee the development and completion of a TMDL submittal package to the U.S. Environmental Protection Agency which includes the technical report, summary implementation strategies, and other required information. Where the TMDL package has been approved by EPA, WCTAU TMDL leads will also work with interested citizen groups, tribes, and local and state governmental entities to develop a detailed implementation plan.

Performance Measures: 11 TMDLs will be under development and include:

- Puyallup River FC TMDL
- Lower White River pH TMDL;
- Clarks Creek/Meeker Ditch (multi-parameter) TMDL;
- Henderson Inlet/Woodland Creek (multi-parameter) TMDL;
- Deschutes River (multi-parameter) TMDL;
- Totten/Eld Tributaries Temperature and Fecal Coliform Bacteria TMDL;

- Oakland Bay/Hammersley Inlet Temperature and Fecal Coliform Bacteria TMDL;
- Upper Chehalis pH TMDL
- Willapa River Fecal Coliform Bacteria TMDL;
- East Fork Lewis River (multi-parameter) TMDL;
- Gifford Pinchot National Forest Temperature TMDL

ERO

Actions:

(a) Develop TMDL Submittal Report packages for EPA approval for the following TMDLs:

- Spokane River (PCBs)
- South Fork Palouse River Multi-parameter
- Tucannon River/Pataha Creek
- Little Spokane River

(b) Complete Detailed Implementation Plans for the:

- Spokane River Dissolved Oxygen
- Spokane River PCBs
- Walla Walla (toxics, temperature, pH/D.O. and fecal coliform)
- Hangman Creek
- Little Spokane River
- Pend Oreille River
- Newman Lake
- Palouse River Toxics

Performance Measure:

Meet TMDL schedule milestones.

CRO

Actions: Staff will work with all involved parties to develop or assist in the development of Quality Assurance Project Plans (QAPPs), TMDL technical reports, draft and final Water Quality Improvement Reports (WQIR), and Water Quality Implementation Plans (WQIP).

Performance Measures: Complete TMDL reports and submittals in accordance with program schedules for Yakima Area Creeks Bacteria, Naches Watershed Temperature, Upper Yakima Temperature, Wenatchee River dissolved oxygen/pH/phosphorus, bacteria, and temperature TMDLs; and Mission Creek DDT TMDL.

BFO

Actions: Coordinate local input to Technical Studies for TMDLs (Lake Whatcom and tribs), Prepare TMDL submittal report (Lake Whatcom and tribs, Whatcom Creek

Temperature) and Detailed Implementation plans (Lake Whatcom and tribs and Whatcom Creek).

E5. Implementing DIPs (8.35 FTEs)

WMS

Columbia River TMDLs

- Implement the TDG TMDLs on the Columbia River.
- Coordinated TDG 5 year plan update for federal facilities working with Oregon to lay out the next steps for the Columbia TDG management
- Represent Ecology on EPA's Columbia River Toxics Reduction Work Group. In the work group, explain Ecology's role and current activities around toxics and help steer the work group in a direction that will lead to water quality improvements.
- Assist EPA in writing the "State of the Columbia River" report for toxics.
- Communicate Columbia River Toxics work with other sections in the Water Quality Program.
- Help coordinate Ecology activities related to toxics in the Columbia River.

NWRO

Actions: Conduct stakeholder meetings, hold public meetings on progress of water cleanup, & field involvement in implementation activities.

Performance Measure: Regional TMDL Leads will complete a total of 4TMDL progress reports, 4 nonpoint inspections, 4 public meetings, & 8 riparian field days per year.

SWRO

Actions: Participation and interaction with interested citizen groups, tribes, and local and state governmental entities with responsibilities outlined in the TMDL detailed implementation plan. If implementation efforts fall short or are not effective, staff will pursue adaptive management opportunities or actions. Monitor and track implementation efforts against targets identified in the detailed implementation plan.

Performance Measures: 19 completed TMDLs have detailed implementation plans and will require continuing support for implementation activities. They include;

- Puyallup River BOD and Ammonia TMDL;
- Upper White River Temperature, Habitat TMDL.
- South Prairie Creek Temperature and Fecal Coliform Bacteria TMDL;
- Nisqually River/McAllister Creek Dissolved Oxygen and Fecal Coliform Bacteria TMDL;
- Skokomish River Fecal Coliform Bacteria TMDL;
- Simpson Northwest Timberlands Temperature and Sediment TMDL;
- Dungeness River/Matriotti Creek Fecal Coliform Bacteria TMDL;
- Dungeness Bay Fecal Coliform Bacteria TMDL;
- Humptulips River Temperature TMDL;
- Rabbit Creek/Wildcat Creek Temperature TMDL;

- Grays Harbor Fecal Coliform Bacteria TMDL;
- Upper Chehalis Temperature TMDL;
- Upper Chehalis Dissolved Oxygen TMDL;
- Upper Chehalis Fecal Coliform Bacteria TMDL;
- Lower Willapa River Dissolved Oxygen TMDL;
- Willapa River Temperature TMDL;
- Salmon Creek Turbidity and Fecal Coliform Bacteria TMDL;
- Gibbons Creek Fecal Coliform Bacteria TMDL;
- Wind River Temperature TMDL;

ERO

Actions:

Promote the clean up of polluted waters through implementation of DIPs.

Work with stakeholders in cleanup activities

Seek out funding source for implementation projects.

Field involvement in implementation activities.

Performance Measure:

Number of activities.

Number of clean up projects initiated.

CRO

Actions: Monitor the progress of WQIR implementation. Coordinate with implementing agencies to achieve compliance. CRO staff will also coordinate with local citizens, landowners, and conservation districts in the region to identify and act on opportunities for early implementation of water quality improvement projects.

Performance Measures: WQIR team members will monitor the implementation progress of WQIRs and coordinate with all the implementing parties, including CRO nonpoint staff, in implementing effective measures and adaptive management. WQIR team members will prepare a brief annual report on the implementation progress on each WQIR project. The annual reports will be prepared in the anniversary month of the WQIR approval.

BFO

Actions: Ensure DIP targets are met. Track water quality improvements (or degradation). Carry out or make referrals to meet Ecology responsibilities for inspections of non point source pollution

Performance measures: Same as last biennium. All stations meet ultimate TMDL target for Nooksack TMDL.

E6. Monitoring (2.5 FTEs)

WMS

Work with EAP and regional offices to design and implement an effectiveness monitoring program that meets our 319 and TMDL needs. Continue to oversee that strategy and make sure it is sustainable.

SWRO

Actions: Coordinate with EAP staff on the selection of TMDL effectiveness monitoring locations to determine compliance with TMDL plans. Assist in project selection and identification of special monitoring requirements. Review data results and monitoring reports.

Performance Measures: A prioritized list of TMDL effectiveness monitoring projects for consideration will be developed for each basin scoped.

CRO

Actions: TMDL Team members will assist the Environmental Assessment Program (EAP), Conservation Districts, lake monitoring groups and other local monitoring units, with effectiveness monitoring. Staff will identify needs for effectiveness monitoring as part of the watershed scoping process as called for in the WQIP for each TMDL. This may result in Ecology (EAP or WQP) conducting the monitoring or the assignment of Ecology's partners to conduct the monitoring. For instance, other governmental entities are conducting effectiveness monitoring for the Granger Drain Fecal Coliform WQIR, the Teanaway Temperature WQIR, the Upper and Lower Yakima River Suspended Sediment WQIR, the Little Klickitat Temperature WQIR, the Giffen Lake WQIR and the Okanogan River Fish Tissue WQIR.

ERO

Actions:

Performance Measure:

E7. UAAs (0 FTEs)

WMS

Actions:

- Support UAA activities across the state by providing outreach, education, and technical assistance.
- Finish economic tools development to use in implementing the dam compliance schedule reasonable and feasible terminology.

ERO

Actions: A Use Attainability Analysis (UAA) was submitted to Ecology as part of the Dissolved Oxygen TMDL for the Spokane River. The UAA is on-hold pending the outcome of an implementation strategy. This is a placeholder for future UAA and DO TMDL review and participation.

E8. General Support (TMDL outreach, etc) (6.5 FTEs)

WMS

Actions:

- Plan and coordinate two TMDL all-hands staff meetings, at least one including the EA Program.
- Plan and coordinate TMDL staff training, up to two training sessions as needed and requested by TMDL staff.
- Complete biennial progress reports to the Plaintiffs regarding implementation of the TMDL Settlement Agreement. The five-year report that evaluates TMDL program effectiveness through 2008.
- Continue to proceed with TMDL Footprint concept and begin to make recommendations to take to regions and permit writers.

NWRO

Actions: Develop 4 Water Cleanup public involvement outlines, conduct TMDL public meetings, and develop press releases, 4 focus sheets, and brochures.

SWRO

Actions: Staff will review data sets and technical reports to verify environmental modeling calibrations, modeling runs, and resulting wasteload and load allocations to provide engineering/modeling support for TMDL coordinators

Staff will provide planning support to TMDL coordinators.

Staff will provide advice and guidance for the development of Quality Assurance Project Plans related to internal and external water quality monitoring initiatives. Document reviews will be performed on an as-needed basis. Water quality monitoring investigations will be performed to support source identification or split sampling related to quality assurance procedures.

Performance Measures: Provide modeling, and planning support, when requested.

ERO

Actions:

Provide general TMDL assistance to all TMDL projects.

Conduct education/outreach activities.

Performance Measure:

Documented support activities.

Number of education/outreach materials produced and distributed, e.g., websites, focus sheets.

CRO

Actions: CRO staff will perform community outreach in support of the TMDL process. For example, staff will translate many documents into Spanish and act as interpreters, whenever necessary, for additional community involvement. We will also support watershed planning efforts in our region, specifically projects in WRIAs 38, 39, 45, 47, 48, and 49.

BFO

Action: Coordinate with local government and local landowners. Participate in meetings targeting specific TMDL implementers.

E9. Other (1.3 FTEs)

WMS

Actions:

- Continuously improve TMDL website and nonpoint website.
- Create intranet site to place TMDL and other water quality policy decisions to be used as a future reference and help us achieve consistency.
- Work with EPA to produce the two-year report to plaintiffs on progress completing TMDLs.

Working with Quality Data

- Provide sampling/data quality training for key clients (regions and others).
- Provide assistance on QAPP review and development.
- Serve as the program quality assurance contact.
- Maintain the credible data policy and update it as necessary.

NWRO

Actions: Detailed Implementation Plans (3) will be developed for EPA-approved Lake TMDLs.

Performance Measure: Detailed Implementation Plans will be implemented by watershed residents, local governing entities, and Ecology staff.

SWRO

Actions: Support for general water quality issues related to the Southwest Regional Office. WCTAU staff will assist other regional office and headquarters staff on assessments of general water quality issues.

Performance Measures: Provide technical assistance when requested.

CRO

Columbia River Basin Water Management Liaison

Actions: Participate in internal meetings; review policy analyses, impact studies, and proposed project plans for water storage and conveyance systems within the Columbia River Basin and in off-channel tributaries; and communicate WQ issues and program concerns to the Columbia River Basin Water Management Planning (CRBWM) team, which is based in CRO. This liaison role will be split approximately half-time with the Shorelands and Environmental Assessment (SEA) Program and will be based in CRO, although specific project assignments at various times will be located in areas covered by each of Ecology's central, eastern, and southwest regional offices. Staff will also coordinate closely with WMS, PDS, and WQP policy analysts to ensure careful evaluation of technically and politically complex issues. Resolutions likely to set a precedent or that involve unconventional approaches toward water quality regulation will be brought to WQ PMT for discussion, strategic guidance or to determine the program's stance.

Liaise with WQ program staff to keep them informed of Columbia River water management activities, project proposals, potential impacts on WQ program activities and resource allocation, and potential policy impacts. It is also expected to participate as a productive member of the CRBWM team to help identify and resolve issues relating to water quality protection, compliance with water quality standards, control and management of permitted (point source) discharges; strategies for stormwater management strategies and regulation of newly developed or hydrologically-altered surface water bodies; affect on hydropower facility operation and compliance with water quality standards or permit conditions; hydrologic alteration of natural or established surface water and groundwater flow systems; ground-water quality protection; and related water management and pollution control issues.

Performance Measures:

- Improve communications between the SEA, WQ, and Columbia River Water Management Team through development and implementation of an effective communication plan
- Increase effectiveness of water quality protection strategies areas that will be affected by Columbia River water storage, supply, and conservation projects

F. Administer an Effective Program (43.38 FTEs)

F1. Public Information (1.35 FTEs)

PMO

Actions: Create communications plans, develop program messages, issue news releases, write/edit focus sheets and other program publications, respond to media questions, improve external correspondence, draft executive correspondence, provide consultation

to program staff on communications topics, and evaluate effectiveness of communications efforts.

Performance measures: At least six news releases per year demonstrating the Water Quality Program's environmental leadership. At least 12 news articles reflecting Ecology's environmental leadership in Water Quality. All legislative FOCUS sheets updated by early December of each year. All boilerplate letters to permittees re-written in plain English by (date TBD, depending on number of letters and approach).

F2. Supervision/Management/Admin Support (34.04 FTEs)

FMS

Actions: Supervise staff members' activities, evaluate performance, and provide policy direction. Managers will encourage attendance at training programs that enhance job performance, knowledge, and skills. Track and monitor section performance goals and report quarterly any variances. Track and monitor section budget expenses and report variances. Provide administrative assistance for the section.

PDS

Actions:

Supervise staff members' activities and evaluate performance

- Provide policy direction
- Encourage staff growth (e.g., training programs) to enhance job performance, knowledge and skills
- Track and monitor section performance goals and report quarterly
- Track and monitor section budget expenses and report variances
- Provide administrative assistance for the section
- Serve as PMT sponsor for work groups, as assigned

WMS

Actions: Supervise staff members' activities, evaluate performance and provide policy direction. Managers will encourage attendance at training programs that enhance job performance, knowledge and skills. Track and monitor section performance goals and report quarterly any variances. Track and monitor section budget expenses and report variances. Provide administrative assistance for the section.

PMO

Actions:

Administrative Support: Provide administrative support to the section, coordinate building-wide issues relating to the program including purchasing, reception, mail distribution, and filing; coordinate management team and all-staff meetings, and additional tasks as assigned.

Management Support:

- Conduct core management tasks including: resolve key policy issues; complete workforce management plan; manage program budget; implement new biennial program plan; lead program's legislative activities; organize program management team's consideration of issues; track and report on program's Government Management Accountability and Performance measures (GMAP); and complete out-of-state travel plan.
- Respond to program cuts and adds.
- Transition confined livestock program to Dept. of Agriculture.
- Develop watershed monitoring and tracking strategy.
- Assist agency to increase efforts on Puget Sound and Hood Canal.
- Develop strategy to increase funding for Centennial Clean Water Fund.
- Communicate with external world including Financial Assistance Council; Water Quality Partnership; Association of State Water Pollution Control Administrators (ASWPCA) Western States Water Council (WSWC); and others.
- Participate in and communicate on program's most controversial work with appropriate staff and managers including: water quality standards; Water Quality Assessment; stormwater general permits and manuals; WSDOT stormwater permit/ manual/program; 401 certifications for hydropower projects; TMDLs; and other major projects/actions
- Stakeholder outreach and facilitation – provide facilitation both internally and externally as needed

NWRO

Actions: Manage and supervise the activities of Water Quality personnel in four units: the Municipal Permit Unit, the Industrial and Stormwater Permit Unit, the Compliance and Technical Assistance Unit, and the Watershed Unit. Administrative support is also provided by the section on matters of personnel, pay, time-accounting, purchasing, and the use of pooled regional resources such as word processing and central filing.

SWRO

Actions: Supervise staff members' activities, evaluate performance and provide policy direction. Managers will encourage attendance at training programs that enhance job performance, knowledge and skills. Track and monitor section performance goals and report quarterly any variances. Track and monitor section budget expenses and report variances. Provide administrative assistance for the section.

ERO

Actions:

Provide assistance in development and implementation of work plans.

Encourage attendance at training programs that enhance job performance.

Provide opportunities to staff to take on assignments that expand or enhance their knowledge and skills.

Conduct annual evaluations.

Performance Measure:

Performance appraisals will be prepared and submitted on time.

Work plans will be developed and implemented for each section staff.

CRO

Actions: Supervise section staff's activities, evaluate performance, and provide policy direction. Managers will encourage attendance at training programs that enhance job performance, knowledge, and skills. Track and monitor section performance goals and report quarterly and variances. Track and monitor section budget expenses and report variances. Provide administrative assistance for the section.

Provide opportunities for staff to take on assignments that expand or enhance their knowledge and skills. Encourage attendance and participation in training programs that will enhance job performance and contribute toward employee's success in carrying out their job duties, as well as career development opportunities.

Performance Measures:

- Position descriptions and essential functions for each position in section will be reviewed and updated annually to ensure consistency with current business needs, and to align position descriptions with annual performance evaluations and development plans.
- Agency core competencies and appropriate job-specific competencies will be included in position descriptions to provide a foundation for performance management, feedback, and counseling on an ongoing basis and annually.
- Performance evaluations will be prepared and submitted on time.
- Annual development plans will be developed for each employee in the section and implemented in consultation with the employee.

Wenatchee Field Office

Actions: During FY 2008, permanently assign one employee to work in the Wenatchee Field Office, which is expected to open in late 2007. This position will primarily work with Chelan County, Chelan County PUD, Okanogan County, municipalities, the various water quality technical committees, and other entities involved with establishing and implementing TMDLs for the Wenatchee River, Lake Chelan, Entiat River, and in Okanogan County.

Staff in Wenatchee is also expected to work with the Chelan PUD, Okanogan PUD, and Douglas PUD to plan and coordinate activities related to compliance with Section 401 certifications for hydropower facilities, and with EPA Region 10 staff to ensure compliance with the 401 certification for the LNFH on Icicle Creek. Wenatchee office staff will coordinate with CRO staff in Yakima to provide broad point and nonpoint source program support, such as arranging for complaint investigations, verifying complaints, and performing field inspections.

Other CRO staff, from the Watershed Unit and the Technical Unit will work in that office from time to time, with roughly 0.5 FTE additional using a shared office space during FY 2008. By FY 2009, CRO expects to permanently assign one employee from the Technical Unit to the Wenatchee Field Office to work primarily with permittees located in Chelan, Okanogan, and Douglas counties.

F3. Budget (1.91 FTE)

PMO

Actions: Develop, allot, and maintain biennial and supplemental financial budget plans, develop and establish coding structure for program, monitor program budget performance, report financial status to program manager and section managers, assist in the development of fiscal notes during the legislative process, assist in the development of budget decision packages, respond to internal/external agency budget inquiries, prepare program's budget status information for agency quarterly budget meetings, prepare or assist in the federal contract and grant preparation, act as fund manager for revenue sources assigned to program, actively participate in agency's budget planner group.

Performance Measures: Develop program coding structure by the end of May in the first year of the biennial budget cycle. Allot a two year financial budget plan by the end of September in the first year of the biennial budget cycle. Establish and allot budget decision packages and supplemental budget adjustments by the end of May of each fiscal year. Assist in the development of a two year financial budget plan by the end of June in the second year of the biennial budget cycle. Develop budget status report for distribution to program manager and all section managers by the 18th of each month on a quarterly cycle. Develop program budget and revenue status report for agency financial review by the 18th of each month on a quarterly basis. Produce and distribute fiscal note analysis to Office of Financial Management (OFM) within 72-hours (three days) after request.

F4. Information Technology (1.50 FTEs)

PMO

Actions: Maintain existing non-WPLCS program IT systems such as OPSCERT, WATS, UIC, TMDL database (WATS phase 2) and others (see other projects listed on our website). Start development of WATS (phase 3) tracking TMDL implementation. Continue to advance these applications towards current technologies that are more user friendly, faster in response, and meet the business needs of the program. Continue to provide public disclosure support for those requests that involve data from one of the IT projects. Sponsor work groups as needed to improve business and IT functions. Develop e-business solutions for functions of the program where appropriate. Serve as the Program web coordinator and desktop support liaison, SharePoint coordinator and publications coordinator. Provide full time coordination of public disclosure requests, organize central files and prepare program headquarters ready for document

management. Represent program on the steering committee for redevelopment of the agencies contracts and grants application.

F5. Policy (1.95 FTEs)

PMO

Actions: Develop proposed policy positions and lead the program's response to legislative issues, stormwater, agricultural and forestry issues, pollution trading issues, interstate issues affecting water quality, climate change, stormwater mitigation and others. Represent the agency on the Forest & Fish Policy and Budget Committees, Forest Practices Board liaison and other work groups, ASWPCA, WSWC, WA Conservation Commission, Livestock Development and Oversight Committee, NRCS State Technical Advisory Committee, and Comprehensive Irrigation District Management Plan (CIDMP) Interagency Oversight Committee. Work with Washington Department of Fish and Wildlife on small scale placer mining. Work with Department of Agriculture to transfer delegation for Confined Animal Feeding Operation (CAFO) permit and respond to 2nd Circuit decision on CAFOs. Represent the program on Growth Management Act issues.

Work to make Forests and Fish adaptive management successful. Get ready for evaluation of 2009 TMDL strategy for state and private forest lands. Coordinate Ecology's forest practices program. Interstate resolutions and policies coordinated and harmonized with state positions on an on-going basis. Begin to develop a water quality trading policy. Staff and coordinate support for climate change adaptation. Lead policy development on stormwater mitigation.

F6. General Planning (2.63 FTE)

PMO

Actions:

- **Personnel:** Provide direct assistance to supervisors in program on personnel issues. Serve as a liaison with Human Resources on personnel matters. Assist staff with personnel issues. Maintain Staff Tracker along with budget planner. Ensure the preparation and implementation of Workforce Management Plan and out-of-state travel plan.
- **Planning:** Coordinate strategic and biennial planning efforts for the program. Prepare and assist others to prepare scopes of work for grant applications. Serve as point of contact with external partners on joint planning efforts such as EPA Performance Partnership Agreement, Puget Sound Partnership, etc. Assist program with budget cut exercises and locating new sources of funds.
- **Performance:** Develop and implement methods to track the program's performance against plans, grant applications, agency performance standards, etc.
- **Legislation:** Assist program's senior policy analyst with legislative issues including tracking legislation, developing legislative implementation plans, preparing budget and policy impact documents, etc.

Performance Measures:

- Personnel: Prepare the program's annual Workforce Management Plan by November 30 of each year.
- Planning: Prepare the program's 07-09 Biennial Plan by November 30, 2007 and an update to that plan by August 1, 2008. Prepare the 07-09 Performance Partnership Agreement by June 30, 2009. Submit annual backlog permit plan to EPA by October 1 of each year.
- Performance: Develop 07-09 Performance Measures by December 31, 2007 with any necessary updates by August 1, 2008. Coordinate and submit semi-annual PPA status reports by August 31 and February 28 of each year.
- Legislation: Maintain, with weekly updates, a bill analysis tracking sheet.

IV. Teams

The success of the Program is dependent not only on the work of each individual staff, but also on integrated actions across activities and sections. In those Program areas where there is the greatest need for cross-representation and consistency, the Program has established teams. This part of the Plan identifies and describes the primary, PMT-sponsored standing teams that currently exist in the Program.

A. Permit Writer's Work Group

Purpose:

The Permit Writer's Work Group (PWG) purpose is to:

- Increase permit writing efficiency and consistency by developing and improving permit writing tools and procedures
- Work on permit-related projects identified by the Permit Work Group (PWG), the PWG sponsor, or the Water Quality Program Management Team (PMT).
- Be a forum for permit managers to resolve permit tool issues.
- Consider policy issues and make recommendations to the PMT.
- Coordinate with WPLCS and Enforcement work groups.

Members:

Current members are: Gary Bailey (Chairperson, PDS); Kathy Conaway (Nuclear Waste Program); Nancy Kmet (PDS); Kim Wigfield (Industrial Section); James W. Leier (CRO); Patrick D. McGuire (ERO); Eric Schlorff (SWRO); Laura Fricke (NWRO); Kathleen Emmett (PDS Alternate); Nancy Winters (PMT Sponsor)

Time commitment is meeting every quarterly and subcommittee work assignments such as drafting documents. On average, group members will spend 5% of their time.

Deliverables for FY08:

- Peer review process
- New Standards implementation guidance (temperature, toxics, sediments monitoring)
- Revise permit and fact sheet shells

B. Orange Book Work Group

Purpose:

The purpose of the Orange Book Work Group (OBWG) purpose is to:

- Identify and prioritize sections of the Criteria for Sewage Works Design (Orange Book) that need revision
- Write, review, and edit updates for annual publication.

Members:

Current members are: Labib, Foroozan, (Chairperson, PDS); Bailey, Gary; McKone, Shawn (NWRO), Bolinger, Al (SWRO); Koch, Richard (ERO); Yates, James (CRO); Dunn, Dave (FMS); Winters, Nancy (PMT Sponsor)

Time commitment is meeting every quarterly and subcommittee work assignments such as drafting and commenting on section updates. On average, group members will spend 5% of their time.

Deliverables for FY07 year:

- Publish annual update

C. Flow Blending Work Group**Purpose:**

Provide technical consultation to the Water Quality PMT on all issues related to flow blending at municipal wastewater treatment plants. This group is responsible for developing the program's policy and procedures for flow blending operations.

Members:

Mark Henley (NWRO), Wallace Arnold (CRO), Rich Koch (ERO), a representative from SWRO, Foroozan Labib (HQ), and Kevin Fitzpatrick (PMT sponsor).

Deliverable for FY08:

- Continue to build necessary expertise for the program on the work group and undertake the study of flow blending issues and development of the program's policy on flow blending. In the event that EPA does issue a final policy on flow blending, analyze and prepare a response on this final policy on behalf of the Water Quality Program
- Follow the interim process adopted by the program in June 2004 which is the process the program will use to make decisions on flow blending until the program develops its final policy and procedures. This process relies on decisions being made by the Water Quality PMT following on recommendations and consultation of the PMT with the Flow Blending Work Group.
- Draft a general NPDES permit for municipal sewer systems that are currently unpermitted and tributary to other municipal sewer systems which provide treatment. This general permit is necessary for the regulation of the Sanitary Sewer Overflows (SSO) from these tributary systems.

D. Fin-Fish Work Group**Purpose:**

In March of 2002, the Water Quality Program Management Team (PMT) accepted a proposal from staff to initiate a team to work on water quality impacts from fish rearing and fish hatchery operations that fail to meet the definition or threshold under the Upland Fin-Fish Hatching and Rearing National Pollutant Discharge Elimination System Waste Discharge General Permit, Effective June 1, 2005 through June 1, 2010.

The work group is developing operational guidelines through a Memorandum of Agreement (MOA) or a general permit with Department of Fish and Wildlife for fresh water rearing facilities or activities that are outside of the current general hatchery permit either because they operate less than six months and release to the same water body, and are below the permit thresholds, or are located in sensitive areas. Salmon carcass placement as a form of water body nutrient enhancement will be evaluated and guidance/procedures developed. The impacts from the discharge of wastewater at these facilities are heightened by the potential interactions with ESA and TMDLs on specific water bodies.

Members:

Water Quality Fin-Fish Work Group or “*The Fish Heads Work Group*” as we call ourselves consists of Mike Hepp (Team Leader), Phelps Freeborn, Lori LeVander, Lydia Cabeza Wagner, Jim Chulos, Mark Hicks and Kelly Susewind (PMT sponsor).

Deliverables for FY06:

- Nutrient enhancement Focus Sheet,
- MOA, permit or operational guidelines for freshwater net pens.

E. Aquatic Pesticide Permits Work Group

Purpose:

To regulate aquatic pesticide applications to waters and develop the general or individual permits for aquatic plant management, fish management, burrowing shrimp control, mosquito larvae control, and irrigation system maintenance; and to develop the associated implementation policy and guidance for each of the permits.

Members:

Membership on this team will vary depending on which permits are under development.

Additional Members:

Aquatic Pesticide Implementation Members include: Tricia Shoblom (NWRO), Ray Latham (CRO), Ken Merrill (ERO), Kelly McLain (HQ), Kathy Hamel (HQ), and Nancy Winters (PMT Sponsor).

This larger team will meet approximately quarterly to identify and prioritize issues for guidance/policy development that will be sent to the smaller team for work. This team will also discuss implementation issues.

Deliverables for FY08:

Provide guidance and assistance to permittees on permit compliance issues such as integrated pest management (IPM) and reporting; to evaluate new pesticides and surfactants for use and amend permits as needed. Specially:

- Draft guidance for aquatic pesticides management, as needed.
- Review application forms for efficiencies and user friendliness,

- Compile report for PIRT of aquatic pesticides applied to Washington Water under permit
- Provide focus sheets on barley straw and other alternatives to pesticides, as needed.

F. Enforcement Work Group

Purpose:

- Prepare Annual Compliance/Enforcement Report
- Identify recipients for Municipal 100% Compliance Awards
- Increase enforcement efficiency and consistency by developing and improving enforcement tools and procedures
- Work on enforcement-related projects identified by the work group, sponsor, or the Water Quality Program Management Team (PMT).
- Be a forum for enforcement staff to resolve enforcement issues.
- Consider policy issues and make recommendations to the PMT.
- Coordinate with WPLCS work group and PWG

Members:

Current members are: Marc Pacifico; Carey Cholski; Stephen Bernath; Cyma Tupas; Kathy Conaway (Nuclear Waste Program); Nancy Kmet; Teddy Le (Industrial Section); Michael Hepp; Pat Bailey (Co-Chairperson); Donna Smith (Co-Chairperson); Amy Jankowiak; Andrew Craig; Sheila Pendleton-Orme; Kerry Carroll (SEA Program); Melodie Selby (PMT Sponsor)

Time commitment is meeting every other month and subcommittee work assignments such as drafting documents. On average, group members will spend ~5% of their time.

Deliverables for FY08-FY09:

- Annual Enforcement Report
- Update guidance
- Develop matrix for field tickets

G. Reclaimed Water Work Group

Purpose:

- Promote reclaimed water use and reuse of other wastewaters consistent with Chapter 90.46 RCW. Protect public health and the environment through the sharing of technical and procedural guidance information regarding reclaimed water facilities.
- Provide input on technical and policy issues to the Reclaimed Water Rule Development Work Group and associated sub-task forces, as requested.
- Develop and improve tools and procedures for the regions in their day-to-day duties.
- Work on reclaimed water-related projects including recommended policy identified by the Program Management Teams, the work group sponsors, the Program Managers, or the work group itself.
- Be a forum for discussing actual projects and related issues.

- Foster coordination between the Department of Health, Water Resources, Water Quality and other Ecology programs.

Members: Current members are:

<u>Water Quality Program</u>	<u>Water Resources Program</u>	<u>Department of Health*</u>
Jim McCauley (HQ)	Lynn Coleman (HQ)	Ginny Stern (ODW)
Lucy Peterschmidt (ERO)	Paul Fabiniak (NWRO)	Craig Riley (S&WP)
Ken Ziebart (NWRO)	Farida Leek (CRO)	Denise Lahmann (S&WP)
Wallace Arnold (CRO)	Phil Crane (SWRO)	
Vacant (SWRO)	John Covert (ERO)	

*ODW = Office of Drinking Water; S&WP = Shellfish & Water Protection

<u>Sponsors</u>	<u>Resource Advisors</u>
Nancy Winters (Water Quality)	Kathy Cupps
Brian Walsh (Water Resources)	Bob Barwin
Dave Lenning (DOH)	

Time commitment is meeting every month and subcommittee work assignments such as drafting documents. On average, group members will spend 5 - 10% of their time.

Deliverables for 2008 (ranked by order of importance):

1. Respond to active project needs within the regions
2. Develop project referral process and forms per ECY/DOH MOU
3. Respond to Reclaimed Water Rule Advisory Committee needs
4. Update Reclaimed Water project data base, i.e. permits, capacity, costs, etc.
5. Update program policies, Orange Book, Permit Writer’s Manual as time allows

H. Pretreatment Work Group

Purpose:

The Pretreatment Work Group meets on an ad-hoc basis, most often to respond to requests for their technical review on issues which arise from the Permit Writers Work Group, requested analyses and recommendations to the Water Quality Program Management Team. In some cases requests for their technical expertise have come from outside of the Water Quality Program, such as the Hazardous Waste Program and municipal wastewater treatment plant operators. This work group is also responsible for ensuring that the program is consistently implementing and meeting its pretreatment obligations as put forth in the Ecology and EPA Region 10 Performance Partnership Agreement.

Members:

The Pretreatment Work Group is made up of the technical expertise in the Water Quality Program for industrial wastewater pretreatment and the oversight of those municipalities that have received Federal delegation for management of their own industrial pretreatment programs. This work group is headed up by Dave Knight from SWRO who has been duly

appointed as the responsible program lead for the work group in his position description. Dave Knight also serves as the SWRO delegate to the work group along with his program lead responsibilities. The other regional representatives to the Pretreatment Work Group are Doug Knutson, NWRO, Wallace Arnold, CRO, and Scott Mallery, ERO. The current Program Management Team Sponsor for the Pretreatment Work Group is Kelly Susewind, Water Quality Assistant Program Manager.

Deliverables for FY06:

- Track on behalf of the program implementation of the agency's mercury control strategy, especially as it relates to commercial and industrial users that discharge into POTWs. This will include the statewide program on instituting BMPs for dental offices and clinics for mercury amalgam control.

I. Hydrogeologist Work Group

Purpose:

The primary role of the work group is to support and share information among the regions, headquarters and cross program relating to the protection of ground-water quality, ground-water quality impacts, underground injection control, and related issues associated with Water Quality Program activities and directives. The work group shares a common goal of consistent implementation of the groundwater standards across the state. Issues commonly addressed by the group include:

- Assessment of the hydrogeologic and water quality effects of land application of wastewater.
- Groundwater quality impacts associated with past or current land uses and stormwater management.
- Water reuse;
- Ground water-surface water continuity.
- Data and trend analysis.
- Permit strategies and coordination with the Permit Writers' Work Group for review and revision of permit and fact sheet templates.
- Groundwater remediation.
- Groundwater impacts associated with active and inactive mining sites and ore milling and processing facilities.

The Hydrogeologist Work Group helps the program set priorities for ground-water related work, strategies for compliance with state water quality standards, and what the program can expect in terms of products needed (policy) or produced (e.g., technical guidance associated with land application of wastewater). The group strives to optimize technical expertise within the team by assigning individuals to work on issues or problems that best draw on their respective technical strengths to support WQP priorities. Work group members also provide technical support and peer review to various program and agency initiatives such as Watershed Planning, statewide ambient ground water monitoring review, developing policy for developing dairy lagoons below season high water table, establishing an antidegradation standard for on-site systems, and integrating the state's antidegradation policy into NPDES and state waste discharge permits.

This work group usually meets quarterly or as necessary on issues as they come up or need to be addressed.

Members:

Current members include: Bob Raforth – CRO; the water quality hydrologist for SWRO; Rod Thompson – NWRO; Wayne Peterson –ERO; Don Nichols – ERO; Mary Shaleen-Hansen, HQ; Laurie Morgan – HQ; John Stormon – HQ; Charles Pitz - EAP; Denise Mills - CRO, PMT Sponsor

Performance Goals, 2007-2009 Biennium:

- Meet quarterly.
- Provide peer review on water quality or ground water impact issues.
- Promote consistent ground water regulatory decisions throughout the state.
- Provide guidance and technical advice on ground water quality issues to all WQP staff.
- Review and update guidance, as needed.
- Develop and amend ground water quality policies, as appropriate.
- Provide technical review and comments on Stormwater/UIC program.
- Improve Ecology’s on-site wastewater treatment permit program.
- Assist with ground water management areas.
- Consider total dissolved solids guidance and policy.
- Continued development of prioritized list of projects and issues for Hydrogeologist Work Group action.

J. WPLCS Coordinators Work Group

Purpose:

The WPLCS work group purpose is to:

- Assure the consistent and accurate) data entry of information regarding permits, facilities and enforcement actions into the WPLCS data system.
- Identify methods for measuring accuracy of information entered into WPLCS by water quality personnel.
- Document data entry methods and business rules associated with permits, facilities and enforcement.
- Coordinate with other work groups such as the Permit Writers Work Group and the Enforcement Work Group to resolve interrelated issues.
- Identify concerns with WPLCS system, test and implement improvements to WPLCS.

Time commitment is to meet once a quarter, more often as necessary for training on new versions of WPLCS, homework may be assigned between meetings.

Deliverables for FY08:

- Identify tools or method/s for measuring data entry accuracy.
- Maintain desk manual (including business rules) for data entry in WPLCS.
- Update business rules.
- Update strategy for training for new WPLCS users and data entry personnel.
- Keep the users manual for WPLCS up-to-date.

K. Lakes Work Group

Purpose:

To coordinate activities across the agency that deal with lakes including: technical assistance and education, monitoring efforts, grants and grant programs, permits related to lakes. The group will share technical information and will work to develop and/or support efforts to expand the agency's lakes program to better support the program's missions as it relates to lakes management.

Members:

Membership on this team includes: Kathy Hamel (Chair person, PDS), Kelly McLain (PDS); Rod Thysell (SWRO), Tricia Shoblom (NWRO), and Ken Merrill (ERO); Tony Whiley (FMS), Tom Clingman (SEA); Maggie Bell-McKinnon (EAP); and Nancy Winters (PMT Sponsor).

Meetings will be conducted quarterly basis.

This team will meet approximately every other month to share information, listen to technical presentations, and work to develop the elements of a more comprehensive lakes program in collaboration with the external advisory group.

Deliverables for FY08:

- Provide recommendations for the elements of a comprehensive lakes program as part of non-agency request legislation.
- Identify and solicit presentations from external speakers concerning all facets of effective lakes programs.

L. Construction Stormwater General Permit Work Group

Purpose:

Develop and re-issue Construction Stormwater General Permit; provide technical guidance and policy during permit implementation; and prepare portions of the update of the Permit Writer's Manual documenting the permit development process.

Members: Jeff Killelea (Team Lead); Megan Wisdom (NWRO); Margaret Hill (SWRO); Ray Latham (CRO); Jeremy Ryf (ERO); Andrew Craig (BFO); Dewey Weaver (PMT Sponsor Alternate); Nancy Winters (PMT Sponsor)

Deliverables for FY08:

- Develop guidance and policy for implementation of construction stormwater general permit.

- Prepare documentation to be added to the Permit Writer’s Manual.
- Develop criteria for tracking “substantial” compliance.
- Serve as Construction Stormwater General Permit expertise for the program.

M. Industrial Stormwater General Permit Work Group

Purpose:

Develop and re-issue Industrial Stormwater General Permit; develop policy, procedures, and technical guidance during permit implementation; and prepare portions of the update of the Permit Writer’s Manual documenting the permit development process.

Members: Lionel Klikoff (Team Lead); Greg Stegman (NWRO); Paul Stasch (SWRO); Terry Wittmeyer (CRO); Ted Hamlin (ERO); Andrew Craig (BFO); Joyce Smith, (PDS); Nancy Winters (PMT Sponsor)

Deliverables for FY08:

- Complete permit development.
- Develop guidance and policy for implementation of industrial stormwater general permit.
- Prepare documentation to be added to the Permit Writer’s Manual.
- Develop criteria for tracking “substantial” compliance.
- Serve as Industrial Stormwater General Permit expertise for the program.

N. Municipal Stormwater Permit Team

Purpose:

Develop and support the implementation of the Phase I municipal stormwater permit and the phase II Western Washington municipal stormwater permits.

Members:

Ed Abbasi (NWRO), Anne Dettlebach (NWRO), Steve Hood (BFO), Terry Wittmeier (CRO), Dave Duncan (ERO) Harriett Beale (PDS), Karen Dinicola (PDS), x Emmett (PDS), Bill Hashim (PDS), Bill Moore (PMO, PMT Sponsor)

Deliverable for FY08:

- Develop Phase I and Western Washington phase II municipal stormwater permits and fact sheets for public comment by October 2005.
- Provide public workshops and hearings on the draft permits in November/December 2005.
- Issue final permits in March 2006.

O. The A-Team (aka Accountability Team)

Purpose:

The development of this team was identified in the *Final Statewide 303(d) Workload Assessment, May 2001*. The primary purpose is to review TMDL progress and handle program wide policy and work issues related to TMDLS. These meetings are held quarterly.

Members:

The membership consists of each regional section manager, each EAP section manager and the team is convened by the Watershed Management Section Manager for Water Quality.

Deliverables for FY06:

- Keep TMDLs on schedule.
- Share A-team notes and decisions with TMDL staff.
- Identify and deal with any impediments.
- Continue to handle policy issues as they arise.

P. Communications Team**Purpose:**

The statewide-based Communications Team is designed to:

- Assure consistency in program publications, websites, public education and outreach, and overall messages.
- Works across section boundaries to address communication challenges.
- Tackles administrative issues having to do with communication tools.
- Shares information about current issues, challenges and works together to solve problems.
- Leads, refines and promotes “Washington Waters – Ours to Protect,” Washington’s online public education campaign.

Members:

To be established in coming fiscal year by Sandy Howard, who will be the team’s PMT sponsor. A “*Washington Waters*” team already exists. Communications team will be a subset of that team.

Deliverables for FY08:

- Define membership, convene and establish quarterly check in times.

Q. Plain Talk Team

Purpose: To implement Ecology's Executive Policy 1-81, "Establishing Plain Talk at Ecology," which requires Ecology employees to use Plain Talk principles in all written communications. The team:

- Provides support and guidance in applying Plain Talk principles in written program documents and correspondence statewide.
- Provides peer review and review assistance of program documents and forms as they are developed.
- Provides Plain Talk expertise and assistance in program projects. Examples include: developing and revising forms, reports, and technical guidance.

Members:

Each regional office and headquarters section provides a minimum of one representative for the Plain Talk team. Current members include:

- HQ: Diane Dent (WMS and Team lead), Sandy Howard (PIO and PMT Sponsor), Diane Smith (EXEC), Emily Morris (FMS), Melanie Forster (PDS).
- CRO: Jane Creech.
- ERO: Elaine Snouwaert and Jon Jones.
- NWRO: Douglas Palenshus.
- SWRO: Lydia C. Wagner and Mindy Ballinger.

Deliverables for FY08:

- 80% of staff and 100% of supervisors complete Plain Talk training.
- Routine Plain Talk reviews are incorporated in peer reviews and supervisor reviews of program written communications. As a result, the Team focuses on working with larger projects.
- The Team continues to provide support and encouragement to all staff as they use the Plain Talk principles for themselves in all written communication.
- The team encourages staff to use Plain Talk principles in other media such as PowerPoint presentations.

The Team seeks, suggests and participates in projects to improve currently existing program material. Examples include guidance, fact sheets, forms, permits, and other documents. (As requested by agency Plain Talk coordinators per the Governor's correspondence.)

R. Water Quality Stories Team

Purpose:

The Water Quality Stories Team provides support, guidance, and assistance to program staff to write stories about water quality improvement and protection projects. The stories are descriptive examples of these projects. They are intended for a general audience, including the legislature, local governments. The team:

- Provides support and guidance for writing the stories and moving them through the approval process.
- Reviews draft stories and provides feedback to the author.
- When needed, assists the author in writing a story.
- Recommends Story of the Quarter candidates to PMT.

Members:

Each regional office and headquarters section provides a minimum of one representative for the Water Quality Stories team. Current members:

- HQ: Brian Brada and Dan Filip (FMS); Bill Hashim (PDS); Diane Dent (WMS and Team lead); Sandy Howard (PIO, PMT Sponsor).
- CRO: Jane Creech.
- ERO: Elaine Snouwaert.

- NWRO: Mark VonPrause.
- SWRO: Cindy James.

Deliverables for FY08:

- Encourage area staff to write and submit stories for publishing.
- Assist area staff with writing stories as needed, and shepherd their draft stories through the publication process.
- Meet, a minimum of quarterly, to discuss:
 - Current issues related to the developing stories.
 - Potential story topics.
 - Selection of candidates for Story of the Quarter (as appropriate).
 - Strategies to encourage staff to provide more stories.
- Communications manager promotes stories as appropriate.

S. Unit Supervisor’s Work Group

Purpose:

The mission of this team is to:

- Select a chair and recording secretary to serve for one year's time on a rotating basis.
- Promote & foster effective & clear communications.
- Consider and promote consistency when possible on Water Quality Program issues and policies.
 - Brainstorm, identify emerging issues and create solutions on problems assigned to the work group by Water Quality Program Management Team in areas of policy development, implementation and personnel.

The work group functions include:

- Keep abreast of new laws & regulations
- Define how this group will interact with other established groups such as the permit writers work group, the flow blending work group, the pretreatment work group.
- Sponsor needed staff training
- Provide forum for cross program discussions
- Create ad-hoc groups per PMT direction
- Provide a point of interaction between headquarters and regions for policies, etc.
- Serve as a recipient to accept assignments from the PMT.
- Operate with an element of predictability (i.e., regularly scheduled meetings)
- Define the time commitment which this work group represents.

Members:

The Unit Supervisors Work Group is comprised of unit supervisors and technical leads from throughout the Water Quality Program. Staff currently making up this work group are: Helen Bresler, HQ-WMS, Susan Braley, HQ-WMS, Kathleen Emmett, HQ-PDS, Jeff Nejedly, HQ-FMS, Dewey Weaver, HQ-PDS, the unit leader of HQ-IT, Greg Zentner, SWRO, Steve Eberl, SWRO, Deborah Cornett, SWRO, Kim McKee, SWRO, John Drabek, NWRO, Karen Burgess, NWRO, Raman Iyer, NWRO, Dave Garland, NWRO, Rick Frye, CRO, Jonathon Merz, CRO, Ginny Darrell, ERO, Dave Knight, ERO and Steve Hood, BFO. This work group began meeting in 2005 and intends to meet regularly on a quarterly basis. The current PMT sponsor for this work group is Kevin Fitzpatrick, NWRO Water Quality section manager, and the chair is Greg Zentner.

Deliverables for FY08:

Develop semi-annual lists of issues for the agenda of the twice yearly unit supervisors and Program Management Team joint meetings.

V. Other Ecology Organizations

Nearly all of Ecology's nine other environmental programs contribute in some way to protecting Washington's water quality. The Water Quality Program relies on them all for assistance. There are, however, 2 organizations within Ecology that the Water Quality Program is particularly reliant upon. These 2 groups are discussed individually below.

A. Environmental Assessment Program

The Water Quality Program relies heavily on the Environmental Assessment Program (EAP) to conduct ambient water quality assessments and develop water cleanup plans. The Program shares two significant EPA grants (CWA 319 and the Performance Partnership Grant) to support these efforts.

The EAP administers a statewide water quality monitoring and assessment program for the Agency. The program includes freshwater and marine ambient trend monitoring networks, biological assessments, stream flow gauging, aquatic sediment monitoring, total maximum daily load (TMDL) studies, fish tissue toxics monitoring, groundwater contaminant studies, and effectiveness monitoring for management practices and water cleanup plans. The ultimate goal of these monitoring programs is to provide objective, reliable data about environmental conditions that can be used to measure environmental changes, agency effectiveness, inform public policy, and help focus the use of agency resources. EAP works with client programs, including Water Quality, to develop a detailed monitoring and assessment work plan each year. This work plan, also known as the EAP Project List, is included as a component of the 2007-09 EAP biennial plan.

B. Industrial Section

The Industrial Section is located within the Solid Waste and Financial Assistance Program. The Industrial Section focuses on three major industries of Washington State: Aluminum Smelters, Oil Refineries and Pulp and Paper Mills. However, since 5 of 8 smelters have closed, the section has taken on the regulation of three other facilities, 2 chemical plants and a fertilizer manufacturing facility. The section's staff is trained to handle the complexities of these industries and is responsible for environmental permitting, site inspections, and compliance issues. They regulate air, water, hazardous waste, and cleanup management activities at pulp and paper mills and aluminum smelters. They also regulate water, hazardous waste, and cleanup management activities at state oil refineries and other assigned facilities.

The Water Quality Program relies on the Industrial Section to implement all the water quality laws, regulations, and programs at these facilities. During the next biennium, the Industrial Section is planning to reissue 9 major NPDES permits and reauthorize 1. This includes 4 pulp mills, 4 oil refineries, 1 aluminum smelter and 1 chemical plant. Five state waste discharge permits will be reissued. Each facility receives at least one Class 1 and one Class 2 inspection every year. Enforcement activities are carried out as necessary.

VI. Reporting, Performance and Accountability

Monthly Activity Reports

Each section provides a monthly narrative report highlighting key activities for the previous month to the program manager or assistant program manager on the 15th of each month. Also by the 15th of each month, regional sections update monthly report tables on the agency shared (X) drive. Mandatory monthly fields are included in the list below, followed by an “(M)”.

Quarterly Performance Reports

The program planner enters quarterly performance measure in the state Office of Financial Management’s Budget and Allotment Support System by the 25th of January, April, July and October. Each section or individual with responsibility for any of these measures provides that information to the Program Planner by the 15th of those same months. Some of these measures are also reported to the Environmental Protection Agency (EPA) or are used for Government Management Accountability and Performance Reports. In addition, some quarterly measures (followed by “(Q)” in the list below, are tracked for internal and/or Puget Sound reporting purposes).

These measures are sample indicators and therefore not reflective of all of the Program’s work. They were chosen based on the Agency’s criteria to demonstrate examples of the Program’s performance or influence on the environment. Data for the measures also needed to be easily retrievable from existing systems or easy to collect.

The list of monthly and quarterly performance measures is shown below. Although these measures are included in the program’s “quarterly” report, a few are actually reported on an annual basis depending on data availability and frequency.

Prevent Point Source Pollution

- Number of individual NPDES permits issued (M).
- Number of individual State permits issued (M).
- Number of NPDES permit inspections (M).
- Number of State permit inspections (M).
- Number of general permit inspections (M).
- Number of pretreatment audits (M)
- Number of pretreatment compliance inspections (M).
- Percentage of active water quality discharge permits (NPDES permits) that are up to date (OFM) (Percent NPDES permit backlog (EPA)).
- Number of priority NPDES major & minor permits issued (EPA).
- Number of permittees with more than 5 annual DMR violations (annual compliance report).
- Percent of permittees with more than 5 annual DMR violations that Ecology has responded to (new measure in annual compliance report).

- Increase in millions of gallons per day of design flow capacity of water reclamation and reuse facilities (Q).
- Percent completion of toxics loading study tasks (OFM - toxics measure).
- Percent of municipal and industrial wastewater treatment facilities exceeding mercury limits (OFM - toxics measure).
- Percent of municipal and industrial wastewater treatment facilities required to monitor sediments that meet sediment management standards (OFM - toxics measure from TCP).

Reduce Nonpoint Pollution

- Number of bacteria in the Union River (measured in billions of colony-forming units per day at Timberline Drive) (OFM).
- Number of stream miles restored or protected (EPA, annual measure).
- Concentration of bacteria in Cow Creek (Q, EPA).
- Concentration of bacteria in the Dungeness River (Q, EPA).

Control Stormwater Pollution

- Number of industrial stormwater inspections (M, OFM – toxics measure).
- Number of construction stormwater inspections (M) (Percent of construction stormwater sites inspected (OFM - toxics measure).
- Number of days to make construction stormwater permit decisions (OFM - permit timeliness measure).
- Percent of industrial stormwater facilities submitting discharge monitoring reports as required by permit (OFM - toxics measure).
- Percent of construction stormwater facilities submitting discharge monitoring reports as required by permit (OFM - toxics measure).

Provide Financial Assistance

- Number of failing septic systems repaired or replaced in Puget Sound watersheds (OFM – environmental benefits).
- Number of financial agreements closed-out (Target: 60 in FY 08; 60 in FY09).
- Post-Project Assessments to more fully implement our Environmental Benefits Strategy – 6 per quarter (Program semi-annual accountability report).
- Number of financial agreements signed estimated at 90 (45 per fiscal year) (Program semi-annual accountability report).

<i>Agreements Signed</i>			
Program and Estimates	FY08	FY09	Totals
Centennial	20	20	40
Revolving Fund	20	20	40
CWA Section 319	5	5	10
<i>Direct Implementation Fund</i>	8	8	16
Low Impact Development	0	0	0
Local Stormwater Grants	110	0	110
Stormwater Implementation	40	0	40

<i>Agreements Signed</i>			
Program and Estimates	FY08	FY09	Totals
Reclaimed Water	10	0	10
Freshwater Aquatic Weeds	7	7	14
Algae Control	3	3	6
Totals	223	63	286

<i>Agreements Closed-Out</i>			
Program and Estimates	FY08	FY09	Totals
Centennial	20	25	45
Revolving Fund	20	25	45
CWA Section 319	10	10	20
<i>Direct Implementation Fund</i>	7	9	16
Local Stormwater Grants	20	30	50
Stormwater Implementation	0	4	4
Reclaimed Water	0	4	4
Freshwater Aquatic Weeds	5	5	10
Algae Control	0	0	0
Totals	82	112	194

<i>Post Project Assessments</i>			
	FY08	FY09	Totals
Totals	4	6	10

The Post-Project Assessments will be conducted in coordination and consultation with the respective regional office and regional Project Manager.

Cleanup Polluted Waters

- Number of water quality improvement reports (TMDLs) submitted to the Watershed Management Section (M).
- Number of water quality improvement plans (DIPs) submitted to the Watershed Management Section (M).
- Number of water quality improvement reports submitted to the U.S. Environmental Protection Agency (OFM, EPA).
- Cumulative number of polluted segments for which pollution control projects have been substantially implemented (Q).

Semi-Annual Accountability Reports

In addition to the monthly activity report and quarterly performance report, each section head prepares a semi-annual accountability report in whatever format they prefer. The accountability report documents the section's progress in meeting commitments in the Program Plan. These reports are due to the program manager or assistant program manager, as appropriate, on January 20 and July 20. Section managers will discuss performance data at least annually in one-on-one discussions with the program manager or assistant program manager, as appropriate. Successes

and challenges of general interest will be brought up in Program Management Team meetings during roundtable or in association with related agenda items. Managers will use routine forms of communication (PMT meetings, email, etc) to notify PMT when major deviations occur that require more immediate changes to the plan.

External Reporting

The program is responsible to report certain activities to external organizations throughout the year. The following is a list of those reports and when they are due so the program can be prepared to respond to information requests from staff preparing those reports.

- Performance Partnership Agreement. The Program must submit a semi-annual status report by February 28 and August 31 of each year. The program planner is responsible for preparing the report and will seek input from responsible program staff four weeks before the due dates.
- CWA 319 Grant. Staff paid by grant: At the start of each grant, every person on the grant must complete a GRTS form (Grant Reporting and Tracking System). This information is needed for entry into EPA's GRTS database. In addition, each person must complete a semi-annual progress report on how well they are meeting their tasks and milestones. The HQ WMS section will need the GRTS form by July 15 of each year for the upcoming year. They will need the progress reports by January 15 and July 15 of every year. A coordinator from WMS will remind each person and their supervisors approximately one month before these due dates.
- Washington State Nonpoint Plan. The program must prepare an annual report documenting implementation of this plan in order to support the following year's 319 grant funding requests. HQ WMS section primarily prepares this report using the information provided in the 319 progress reports discussed above. If WMS needs additional information or information from people not on the 319 grant, a coordinator from WMS will notify those people and their supervisors approximately 1 month before he needs the information on January 15 of each year.
- Miscellaneous small grants. Every federal grant requires semi-annual reports. Staff will be informed upfront of when these are due and what is expected.
- Government Management Accountability and Performance measures. Washington State agencies enter performance measures and data into an Office of Financial Management data base on a quarterly basis. For the Water Quality Program, these measures are marked "(OFM)" in the list above. In addition, the Water Quality Program participates in GMAP forums coordinated by the Governor's Office, on Puget Sound and on economic vitality. The program also participates in internal agency GMAP forums, especially "Reducing Toxic Threats."
- Biennial progress report to the Legislature on the use of moneys from the permit fee account. The report is due December 31st of odd-numbered years. The report must include information on fees collected, actual expenses incurred, and anticipated expenses for the current and following fiscal years. The permit fee report must also include a detailed accounting regarding the method used to set the permit fees for construction and industrial stormwater general permit holders, the amount of permit fees collected, and the expenditure of permit fees. The permit fee report must also include data on inspections conducted and the staff hired to implement ESSB 6415.

- Biennial Report on the use of funds appropriated to Ecology under Chapter 70.146 RCW, Water Pollution Control Facilities Financing Act, is due to the Legislature (i.e. Chairs of the Senate Committee on Ways and Means and the House of Representatives Committee on Appropriations) by December 31 of the odd numbered year. The report consists of a list of each recipient, project description and amount of the grant, loan or both. The Water Quality Program coordinates the development of the report with Ecology's Fiscal Office.
- State Revolving Fund Annual Report to EPA Region 10 on the State of Washington's financial management of the loan program. The report is due by September 30th and is prepared in conjunction with Ecology's Fiscal Office.
- Puget Sound Conservation and Recovery Plan. The Puget Sound Action Team prepared a biennial work plan with input from all the state agencies working on environmental issues in and around Puget Sound (http://www.psp.wa.gov/publications/our_work/pscrp/pscrp_07-09FINALweb.pdf). Some of the Water Quality Program's work in Puget Sound is articulated in that document, along with some performance measures. Starting in FY07, the Puget Sound Action Team was replaced by the Puget Sound Partnership. Water Quality is transitioning to new performance measures through GMAP for Puget Sound while a new plan for Puget Sound is being developed. The Program's Puget Sound Coordinator will coordinate the Program's response to requests for performance measure data.