

1998 STATE FISCAL YEAR

*P*ERFORMANCE

*P*ARTNERSHIP

*A*GREEMENT

Between

**OREGON
DEPARTMENT OF ENVIRONMENTAL QUALITY**

&

**UNITED STATES
ENVIRONMENTAL PROTECTION AGENCY
REGION 10**

**APPENDIX B - WATER PROGRAM
PARTNERSHIP PLAN**

SFY 98 WATER QUALITY PROGRAM PARTNERSHIP AGREEMENT

A. STREAM RESTORATION AND SALMONID RECOVERY

Long-Term Goal: Restore and protect instream water quality to support recovery of native salmonid populations; coordinate efforts to improve and restore salmonid habitat.

FY 98 Objectives: Implement phase I actions of Oregon Coastal Salmon Restoration Plan (Oregon Plan) and phase II (includes resources from Healthy Streams Partnership—DEQ role is to develop TMDLs or alternative WQ management plans beginning with priority streams identified in the 303(d) list subbasins). Continue to support watershed councils directing efforts at restoring and protecting water quality for coastal salmonid habitat. Continue efforts to support restoration of Columbia/Snake River Salmon.

| Problem/ issue | Geographic focus | Activities/Actions | Resources | Output | Target Date |
|--|--|---|---|---|-------------|
| Declining salmonids in coastal areas | Coastal ESUs; Umpqua, Rogue, S. Coast; N. Coast | Phase I actions of Oregon Plan --(refer to Plan for more detail on tasks, outputs, resources, and schedules) | 10 FTE (DEQ) (includes FTE in HQ-SD, HQ-WB, NWR, WR, Lab) | | |
| | | DEQ1--Coastal NPS Pollution Control | | TAC report , draft rules | Mar 98 |
| | | DEQ2--Implement WQ standards (DO and temp; NPS TMDLs; specific basins) | | guidance documents | Dec 98 |
| | | DEQ3--Prioritize 303(d) list with coho criteria for TMDL action | | updated list w/TMDL targets | Apr 98 |
| | | DEQ4--Watershed Council support (Rogue, S. Coast; N. Coast; Umpqua) | | temp mgmt plans; NPS TMDL manual; grant apps; monitoring, plans | Dec 97 |
| | | DEQ5--Enhanced 401 Certs in coastal watersheds | | WQ certs issued | ongoing |
| | | DEQ6--Tillamook Bay National Estuary Program | | CCMPs; monitoring strategy | July 98 |
| | | DEQ7--Revise WQ standard for sediments | | TAC formed; technical report; | June 98 |
| DEQ8--Implement Antidegradation WQ standard; coordination and TA to ODA on SB 1010 implementation; coordination and TA to ODF on OFPA implementation; TA to BLM and USFS | Ag and Forestry WQ Mgmt plans;319 assistance; TA provided to ODA and ODF | ongoing | | | |

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| Stream degradation harmful to fish | N. Coast; MidCoast; S. Coast; Umpqua; Rogue | DEQ9--Apply for in-stream water rights on TMDL streams | | applications submitted to WRD | ongoing |
| | | DEQ10--Triennial Review of WQ standards; implement outstanding resource waters (ORW) nomination and designation process | | TAC formed; technical report; recommendations; ORW designated | Jan 01 |
| | | Implement Phase II of Oregon Plan (includes portion of Healthy Streams Partnership resources) | 10 FTE (DEQ) (including 6 new FTE from HSP) | | June 98 (continuing to 2007) |
| | | DEQ11--Implement revised WQ standards for bacteria, temp and DO (watershed assessments and TMDLs) | | Basin teams formed; tech reports; WQ assessments; WQ mgmt plans/TMDLs | |
| | | DEQ12--Watershed Council support (N. Coast, Mid-Coast, S. Coast, Umpqua, and Rogue watersheds) | | volunteer projects; 319 projects; data assessments; WQ mgmt plans/TMDLs | |
| | | DEQ13--Expanded 401 program; Enforcement activities | | 401 certs inc fish habitat protection; enforcement actions | |
| | | DEQ14--Implement WQ standards for biological criteria, toxics, and pH. | | Define reference biological conditions; TMDLs | |
| Impaired salmon habitat on private properties | Coastal basins | Coordinate NW Forest Plan and Oregon CSRI Plan; participate on appropriate state planning and science teams | .35 FTE (DEQ) | meetings attended; TA provided | ongoing |
| | | EPA tasks 1-4 to support Oregon Plan (see Federal agency measures listed in plan) | 3 FTE (EPA) | Tasks completed on schedule as outlined in plan | ongoing |
| | | Coordinate with DEQ, NRCS, SWCD, and private landowners to ID sites and design restoration activities to complement Oregon Plan objectives | .30 FTE (EPA) | TA provided; projects implemented | ongoing |

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| WQL Streams and unhealthy habitat for fish | Statewide--91 subbasins (excluding those pertinent to Oregon Plan, described above) | Healthy Streams Partnership —coordinated efforts with OHD, WRD, ODFW, ODA, ODF, GWEB, EPA, and watershed councils. DEQ to develop TMDLs on 870 WQL stream/segments in 91 subbasins. (from 303(d) list priorities) | 13 new FTE from HSP; 3 FTE (DEQ) | Complete TMDLs or alternatives in about 9 subbasins per year. | June 98 |
| Declining populations of Columbia/Snake R salmon | Columbia and Snake, mainstem and subbasins | With NMFS and state agencies, address WQ issues in Snake River recovery plan Coordinate plan development with tribes, NMFS, USFWS, BPA, NPPC, and DEQ on efforts to address temperature, TDG, flow conditions, toxicity, fish contaminate levels, and habitat protection | .30 FTE (EPA) EPA Lab .10 FTE (EPA) | TA on TMDL and WQ mgmt plan Tech support draft biological evaluation; TA | June 98 |
| Adverse affects of dams on fish survival | Columbia and Snake | Continue working with COE and others on safe passage through hydropower facilities for outmigrating smolts; continue work on long-term solution to elevated gas levels. | .20 FTE (DEQ) | TA provided; TDG studies and analysis | June 98 |

B. WQ STANDARDS, ASSESSMENTS AND TMDLS

Long-Term Goal: WQ standards in place to protect beneficial uses. Water-quality limited waterbodies (303(d)listed waters) restored through water quality management plans, TMDLs. Use watershed approach as a tool to assess critical basins and develop integrated TMDLs and water quality management plans that restore listed waterbodies, and protect high quality surface waters.

FY 98 Objectives: Complete 1998 Water Quality Assessment (305(b) report). Begin Triennial Review of water quality standards. Settle litigation on 303(d) listed waters, establish priorities, implementation strategy, and schedule. Continue progress in development of TMDLs for the following basins: Columbia Slough, Klamath, Grande Ronde River, and S. Umpqua River. Implement the newly adopted water quality standards for temperature and dissolved oxygen. Coordinate with Division of State Lands on TMDL efforts. Complete comprehensive watershed assessments in critical basins.

| Problem/Issue | Geographic Focus | Activity | Resources | Outputs | Target Date | Measure |
|--|------------------|--|---------------------------------|--|-------------|---------------------------|
| Assessing water quality | Statewide | Collect data and draft 1998 305(b) report | 1 FTE (DEQ-HQ, and Lab) | report submitted to EPA | June 98 | Report |
| CWA requires review of WQ standards every three years. | Statewide | Begin Triennial Review of state's WQ standards—focus on sediments, turbidity, TSS, dissolved metals, beneficial use designations; temperature; wetlands | .50 FTE (DEQ) | PAC and subcommittees formed; tech reports initiated. | June 99 | Review |
| Litigation requires listing of water quality limited streams (303(d) list) | 91 subbasins | Continue work on 303(d) list; coordinate review and approval of priorities; draft TMDL development strategy and undertake actions to settle litigation. | .25 FTE (DEQ) | Schedule and MOA | Jan 98 | Litigation Partnership |
| | | | .20 FTE (EPA) | Updated 303(d) Priority list submitted and approved; | Apr 98 | |
| | | | EPA review completed | May 98 | | |
| CWA requires continuing planning process (303(e)) | 91 subbasins | Develop narrative describing WQ management process for subbasins; include key groups in development of strategy for point source (PS) and non-point source (NPS) controls in stream and salmonid recovery goals. | .50 FTE (DEQ) .50 FTE (EPA) | Comprehensive 303(e) strategy drafted, inc elements for PS, NPS, inspections, monitoring and enforcement; tie into Oregon Plan | Oct 98 | CPM |
| Coordinated watershed approach in critical basins | Tualatin | Continue integration of PS and NPS TMDLs; coordinate efforts with ODA, ODF, watershed council and landowners. | 1 FTE (DEQ-NWR) .20 FTE(EPA) | TMDLs in Permit; NPS TMDLs developed | Apr 98 | CPM |

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| Coordinated watershed approach in priority basins (cont'd) | Umatilla | Continue support of watershed council & efforts to develop basin TMDL; incorporate ground water protection | .25 FTE (DEQ) .15 FTE (EPA) | Complete TMDL and implement ground water protection measures | Dec 98 | CPM |
| | | EPA Regional Geographic Initiative | .35 FTE (EPA) | | ongoing | |
| | Tillamook | Begin working with watershed council, ag community, forestry interests to develop basin wide, multiparameter TMDLs and wq mgmt plans, including groundwater protection and management | 2 FTE (DEQ-NWR) .75 FTE(EPA-IPA) | (part of the CSRI and HSP) | June 98 | CPM |
| | Rogue Umpqua | Continue efforts to work with watershed council, ODA, regulated community and stakeholders to develop TMDL and ground water protection | 2 FTE (DEQ-HQ and WR) 1 FTE (EPA-IPA) .25 FTE (EPA) | (included in the CSRI tasks) | June 98 | CPM |
| | Columbia Slough (mouth to Fairview Lake) | Continue work on development of multiple parameter TMDL; integrate TMDL into stormwater permits | .25 FTE (DEQ) .25 FTE (EPA-IPA) | Complete TMDL; revise urban stormwater permit | Apr 98 | CPM |
| | Klamath River (Keno Dam to Link R) | Develop TMDL with EPA | .55 FTE (DEQ) | Complete TMDL | Apr 98 | CPM |
| | Grande Ronde (Wallowa R to Five Pts) | Develop and submit nutrient TMDL to EPA | .45 FTE (DEQ) | TMDL submitted to EPA; rule adopted | Oct 97 | CPM |
| | | Work with local stakeholders for NPS management plan as phase 2 of TMDL | .1 FTE (EPA) | complete phase 2 TMDL | Dec 98 | |
| | Upper Grande Ronde (headwaters to Five Pts) | Temperature TMDL technical work | .1 FTE (EPA) | complete modeling and technical assessment | Dec 98 | |
| | Walla Walla | Work with COE on Basin Assessment for measure to improve flows and water quality | .05 FTE (EPA) | Assessment report | Sept 99 | |
| Upper Deschutes River | Alternative NPS TMDL and WQ Management Plan | .10 FTE (DEQ) .05 FTE (EPA) | Submit TMDL to EPA | Dec 97 | CPM temp pH. | |

C. NON-POINT SOURCE (NPS) POLLUTION CONTROL

Long-Term Goals: Nonpoint sources of pollution are controlled and abated through coordinated water quality management planning, implementation of NPS best management practices (BMPs).

FY 98 Objectives: Continue to administer the Sec 319 grant program. Pursue expanded and longer term funding opportunities for NPS projects (expand eligible Fund (SRF), leveraging, etc.). Maintain existing cooperative agreements, and form new partnerships with other natural resource agencies and stakeholders to to policy, information transfer, and effective implementation of BMPs. Incorporate ground water protection measures in NPS management plans. Continue support Programs (Lower Columbia and Tillamook Bay) and Coastal NPS program. Continue to implement the state water quality certification (Sec. 401) program, w reauthorized hydroelectric facilities and grazing permits on federal lands. Coordinate NPS management and control planning efforts with 303(e) strategy.

| Problem/Issue | Geographic Focus | Activities/Actions | Resources | Outputs | Target Date | Meas |
|---|-----------------------|---|--------------------------------|---|-------------|------------------|
| NPS management plan may not meet EPA guidelines | Statewide | Jointly review NPS Management plan; update as necessary to incorporate 9 key elements identified in NPS program guidance. | .10 FTE (DEQ) .05 FTE(EPA) | Review completed; plan updated | July 98 | Revis and i |
| Financial and technical support of local NPS projects | Statewide | Continue to administer 319 grant program for watershed enhancement, groundwater, and NPS control projects; finalize and implement program guidance; select and fund projects | 6 FTE (DEQ) | 319 projects selected; grants awarded; projects completed | July 98 | CPM |
| Coastal NPS program approval | Coastal basins | Work with appropriate agencies and groups to address conditions and findings of Oregon Coastal NPS program report | .20 FTE (DEQ) .20 FTE (EPA) | Completion of one-year conditions, progress on others | Apr 98 | CPM indic |
| Few options for long-term financing of NPS projects | Statewide | Amend state SRF rules to expand eligibility to NPS projects | .10 FTE (DEQ) | Rule amendments drafted for EQC | June 98 | Eligib NPS avail |
| Coordinated NPS watershed planning | Statewide | Develop geographic and programmatic priorities in collaboration with other watershed management partners (ODA, ODF, ODFW). Review MOAs and update to reflect 303(d)list priorities and TMDL implementation; participate in GWEB and other programs; link with NPS plan and 303(e) strategy. | .50 FTE (DEQ) .10 FTE (EPA) | Continue involvement and support of internal and external efforts; MOAs reviewed and developed when necessary | ongoing | CPM |
| Local Stewardship of Water Resources | Eastern Oregon Region | Provide technical and administrative assistance as needed to help locals reduce NPS pollution & improve habitat | .20 FTE (DEQ) .10 FTE (EPA) | TA provided | ongoing | OWC 1, 2 |

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| TA for Natural Resource Agencies and Local Watershed Groups | Eastern Oregon Region | Provide technical assistance and technical review of TMDLS and water quality management plans developed by agencies and local watershed groups; incorporate ground water protection. | .20 FTE (DEQ-ER) .15 FTE (EPA) | TA provided; plans reviewed | ongoing | CPM |
| | N. Coast Basins | | .20 FTE (DEQ-NWR); .10 FTE (EPA) | | | |
| | S. Coast Basins (Rogue, Umpqua) | | .20 FTE (DEQ-WR) .10 FTE (EPA) | | | |
| Estuary Protection and conservation | Lower Columbia (Bi-State) | Continue joint DEQ/Ecology support of the Lower Columbia National Estuary Program | 2 FTE (DEQ-LCNEP) 2FTE (ECO-LCNEP) .50 FTE(EPA) | Complete comprehensive conservation management plan (CCMP) | July 99 | CPM |
| | Tillamook Bay | Continue work with Tillamook Bay National Estuary Program | .50FTE(DEQ) .50 FTE (EPA) | Complete CCMP (see also Oregon Plan/CSRI) | Sept 98 | CPM |
| Dairy animal waste contamination | Tillamook Bay | Provide guidance and funding for Methane Energy and Agricultural Development (MEAD) project | .10FTE(EPA) | Construction and operation of MEAD facilities | Dec 98 | CPM |
| WQ impacts from activities on federal lands and federal projects | Statewide | Continue administration of the 401 certification program; focus on channel dredging activities on Columbia and Willamette; relicensed hydro facilities | 2.5 FTE(DEQ) | 401 certifications processed | ongoing | CPM ripari |
| | | Expand 401 certification program to include federal grazing permits; use MOAs | 1 FTE(DEQ) | | | |

D. GROUND WATER MANAGEMENT AND DRINKING (SOURCE) WATER PROTECTION

Long-Term Goal: Protect the state's ground water and drinking water resources through sound management policies and programs. Identify areas of the state and drinking water quality problems, particularly focusing on those areas where ground water contamination is due primarily to NPS pollution. Initiate program in significantly contaminated areas. Encourage and promote citizen stewardship of ground water and drinking water resources. Promote and encourage pollution prevention approach for protecting ground water and drinking water quality.

FY 98 Objectives: Identify areas of NPS groundwater contamination. Continue to develop accessible groundwater database and maps of vulnerable aquifers. Implement the Drinking Water Protection Program in cooperation with the Oregon Health Division (OHD). Develop mechanisms to implement the Source Water Protection program. Work toward better consistency in groundwater rule implementation. Continue implementing the Underground Injection Control program.

| Problem/Issue | Geographic Focus | Activities | Resources | Outputs | Target Dates | Measures |
|---------------------------------------|----------------------|--|---------------------------------------|---|--------------|---|
| Program coordination w/other agencies | Statewide | Develop partnerships and interagency agreements (MOAs); actively promote joint goals w/technical materials, data summaries, fact sheets, etc.; coordinate with other watershed and stream recovery partnership efforts; pursue est. multi-agency forum | .25 FTE (DEQ-HQ and Reg) | Jointly reviewed and negotiated interagency agreements; fact sheets and other info materials published; periodic interagency meetings | ongoing | Long term coordination between agencies |
| Limited GW protection in permits | Statewide | Incorporate GW monitoring and protective measures in WQ permits | 2.50 FTE (DEQ-Reg) | Prompt review of permits for GW impacts; GW conditions in permits; | ongoing | Improve GW protection in permits; adequate compliance |
| Drinking water protection | Statewide | Assist communities to perform drinking (Source) water assessments (SWA) and inventories | 6 FTE (DEQ- depending on fed funding) | SWA inventories completed in selected areas | ongoing | CPM |
| | | Provide TA to communities doing drinking water and Wellhead Protection programs (WHP); review and certify | 1 FTE (DEQ) .20 FTE (EPA) | increased WHP areas and programs implemented | ongoing | Continue WHP programs; WHP 11 |
| GW Management Planning | Lower Umatilla Basin | Develop and implement LUB-GMA action plan | .50 FTE (DEQ-ER) | Action plan completed | July 98 | reduce network |
| | N. Malheur | Review progress on action plan | .35 FTE (DEQ) | Progress report | | |
| | Coburg area | Continue investigations to delineate GW management area | .75 FTE (DEQ-WR) | Detailed map showing extent of contamination; findings report | | |
| Aquifer Vulnerability Maps | Statewide | Complete aquifer vulnerability GIS maps; assess accuracy | .50 FTE (DEQ) | Maps complete for use in reports | July 98 | n/a |

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| Pesticides in groundwater | Statewide | Coordinate w/ agricultural pesticide management plan process; review plans | .05 FTE (DEQ) | Prompt review of plans when submitted | ongoing | n/a |
| Vulnerable aquifers | Rural Areas | Calculate septic system densities to protect GW; | .20 FTE (EPA) | Report drafted for pilot areas (Coburg, Clatsop Plains) | June 98 | Redu table |
| Underground Injection of wastewater | Statewide | Continue to implement and enhance the Underground Injection Control (UIC) program; complete UIC survey; develop policy and guidance; update state rules; develop BMPs for sumps/dry wells; perform inspections in sensitive areas | 1.25 FTE (DEQ-HQ and Reg) | Survey completed and results reported; Program policy developed and implemented; guidance materials drafted; BMPs drafted; # inspections completed | ongoing | CPM contr BMP |
| GW concerns in watersheds | Bi-state area-- Umatilla and Columbia Basin | Provide training; TA; develop educational materials | .25 FTE (EPA) | Workshops held; outreach materials produced; public events attended where info provided | Dec 97 | GW water |
| Intra-agency coordination for Oregon's GW protection program | (Regional) | Work with other EPA programs to include GW protection in TMDL design Coordinate reg policies and programs to address GW needs in ag/rural areas. Support Home*A*Syst program | .25 FTE (EPA) | GW protection reflected in program priorities, wq management plans, and project review criteria | ongoing ongoing | GW regio Num cond |

E. INNOVATIVE APPROACHES

Long-Term Goal: Firmly establish pollution prevention as the preferred choice for environmental management for public and private sectors. Integrate pollution prevention and actions into all water quality activities and programs, with an eye toward cross-media implementation. Use incentives to support proactive behaviors for cost-effective management and allocation of wasteloads (such as effluent trading). Use opportunities for cross-media approaches to environmental protection and management.

FY 98 Objectives: Actively participate in the DEQ Pollution Prevention Core Committee to review issues and develop departmental strategies for integrating pollution prevention principles and incentives into DEQ activities. Coordinate water quality P2 initiatives with other DEQ divisions. Coordinate efforts to develop an effluent trading program as an incentive for implementing point source and nonpoint source TMDLs. Continue the Environmental Partnership for Oregon Communities (EPOC) program.

| Problem/Issue | Geographic Focus | Activities | Resources | Outputs | Target Dates | Measure |
|--|---------------------------------|---|---------------------------------|---|--------------|---------------------|
| Integrating Pollution Prevention into WQ programs | Statewide (and internal to DEQ) | Serve on P2 Core Committee and appropriate subcommittees; work with EPA to implement regional P2 strategy | .05 FTE (DEQ) | Meetings attended; proposals reviewed; evaluate effectiveness of P2 efforts | ongoing | Pollution WQ prog |
| Recognizing "green" behavior in WQ permits; design incentives to employ P2 | Statewide | Work with Core Committee, DEQ P2 Coordinator; and EPA Reg 10 to investigate opportunities for incorporating P2 into WQ permits; work with EPA and DEQ P2 Coordinator to explore P2 incentives to move permittee's beyond compliance | .25 FTE (DEQ) | "green" behavior defined; pilot permittee selected for P2 approach; model permit drafted | July 98 | Pollution pollution |
| Effluent Trading Incentives for coordinating water quality management | Statewide (pilot projects) | Work with EPA, other states, interested groups (ACWA), to develop effluent trading, esp for implementing basin TMDLs | .10 FTE(DEQ-HQ) .10 FTE(EPA) | Work group tech report and recommendations; pilot projects underway; effluent trading program developed | July 99 | TBD |
| Environmental Compliance assistance in rural communities | Selected rural communities | Continue to implement the EPOC program; continue TA to current participants; expand to 6 new communities by 7/99 | 3 FTE(DEQ-Reg) | New communities added; MAOs completed | ongoing | Environm through i |
| | Selected basins | Implement innovative watershed solutions project (funded by EPA innovative compliance grant) | 2 FTE (DEQ-Reg) | pilots selected in 2 subbasins | July 98 | TBD |

F. WQ MONITORING AND INFORMATION MANAGEMENT

Long-Term Goals: Continually improve efforts to monitor water quality for all waters of the state. Coordinate water quality information databases with other agencies to ensure consistency and with improved accessibility.

FY 98 Objectives: Expand WQ monitoring program to meet commitments in Oregon Plan and Healthy Streams Partnership--habitat biomonitoring, intergravel temperature (See Stream and Salmon Recovery workplan activities, in section A above). Enhance lab efforts to develop biological indicators for storm water; increase monitoring sites in the rivers network. Expand ground water monitoring program into new areas of the state.

| Problem/Issue | Geographic Focus | Activities | Resources | Outputs | Target Dates | Measures |
|---|--------------------------------|--|----------------------------------|--|--------------|--------------------------|
| BMP effectiveness | Grande Ronde | Conduct long-term monitoring of effectiveness of BMPs | 1 FTE (DEQ-LAB) | Monitoring reports; sample collection; data analysis | ongoing | CPM 1 (RBP) scores |
| Habitat quality in flood areas | Coast Ecoregion | REMAP project--monitor reference sites for habitat integrity (macroinvertebrates, fish, water quality) | .5 FTE (DEQ-LAB) .5 FTE (EPA) | 30 sites monitored; monitoring reports; sample collection; data analysis | Sept 97 | CPM 1 habitat biological |
| Habitat quality in Deschutes Basin | Deschutes | REMAP project--monitor random sites for habitat integrity (macroinvertebrates, fish, water quality) | 1 FTE (DEQ-LAB, 2-yr grant) | Sample collection; data analysis; monitoring report | July 98 | CPM 1 habitat biological |
| Improve WQ data for rivers, streams, and bays | Statewide | WQ ambient monitoring system | 6 FTE (DEQ-LAB) | Data collection and analysis; monitoring reports | ongoing | CPM 1 |
| Support voluntary monitoring/watershed councils | Statewide | Technical assistance to coordinate voluntary monitoring programs, watershed councils, and other local watershed groups | 1 FTE (DEQ-LAB) | Technical assistance; program coordination; incorporation of data | ongoing | CPM 1 and inc |
| TMDLs | Priority basins | Support TMDL efforts by providing scientific studies (Umatilla, Calapooya) | 3 FTE (DEQ-LAB) | Studies completed | ongoing | OWQI |
| Toxins | Statewide | Continue implementation of toxics ambient monitoring plan (metals, PCBs, organics, etc.) | 1 FTE (DEQ-LAB) | Summary of Toxics Monitoring reports in 305(b) | ongoing | CPM 3 |
| Point Sources | Statewide | Mixing zone studies; compliance and investigation sample analysis; QA split sampling; TA | 2 FTE (DEQ-LAB) | Samples collected; studies completed | June 98 | CPM 3 |
| Groundwater | Statewide; GW management areas | Ambient groundwater surveys; GWMA work; Coburg area | 4 FTE (DEQ-LAB) | surveys completed | ongoing | GW tr organic |

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| <p>Intergovernmental coordination, esp for CSRI monitoring</p> <p>WQ information database limitations-- need to make more integrated and accessible</p> | <p>Coastal basins</p> <p>Statewide</p> | <p>Liaison with Clinton Forest Plan efforts; Governor's Salmon Recovery Initiative; relative to scientific issues (Oregon Science Team)</p> <p>Jointly review opportunities to improve data analysis and management through use of new STORET; coordinate data management with BLM, USFS, BOR, COE, USGS; WAP data layers</p> <p>Jointly review opportunities to enhance and support GIS capabilities</p> | <p>(FTE included in CSRI and NPS workplan activities)</p> <p>FTE inc above (DEQ-LAB)</p> <p>.05 FTE (EPA)</p> | <p>coordinated monitoring strategy drafted</p> <p>EPA \$\$ and TA to access and use new STORET capabilities</p> | <p>ongoing</p> <p>June 98</p> | <p>CPM I</p> <p>n/a</p> |
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G. WQ PERMITTING, COMPLIANCE ASSURANCE AND ENFORCEMENT

Long-Term Goal: Point sources of pollution are controlled through effective WQ permitting and compliance assistance programs. Long-term, low- interest financing for facility improvements through the State Revolving Loan Fund. Use effective and consistently applied compliance assistance and enforcement as tools to deter non-compliance with WQ standards and permit conditions.

FY 98 Objectives:

For NPDES and state WPCF Permitting Programs--Continue to: 1) implement an effective NPDES and WPCF permit program, and begin to transition to basin based permitting; 2) implement an effective pretreatment program; and 3) submit application to EPA for delegation of the national sludge management program (biosolids). Continue to implement wastewater treatment system operator certification program.

For Wastewater Financing program (SRF and CG)--1) commit at least 90% of federal award in SRF loan agreements; 2) effectively administer \$170 million SRF priority funding coordinated with CSRI and 303(d)list; 3) administratively complete and close out remaining 2 EPA construction grants.

For Compliance Assurance and Enforcement-- Implement as applicable the May 1997 EPA regional Compliance Assurance Principles guidance for collaborative implementation and defining roles. Continue to promptly investigate and resolve citizen complaints for WQ related incidents (including spills). Continue inspection program for all facilities, with appropriate follow-up on violations. Continue to take prompt and effective enforcement action in the event of violations.

| Problem/Issue | Geographic Focus | Activities | Resources | Outputs | Target Dates |
|--|------------------|--|-------------------------------------|--|--------------|
| Control of point sources | Statewide | Continue implementation of NPDES and WPCF programs (within the confines of available resources); incorporate new standards for temp, DO, and bacteria; update permits to reflect load allocations (TMDLs) | app. 55 FTE (DEQ-HQ, Regions, Enf) | Permits issued /renewed/modified; | ongoing |
| Watershed-based NPDES permits | Priority basins | Jointly develop strategy for incorporating NPDES permitting into subbasin planning efforts (303(e) plan) | (FTE inc above) .10 FTE (EPA) | Strategy completed (as a part of 303(e) plan) | June 98 |
| Water quality-based NPDES permitting | Statewide | Jointly decide how to incorporate reasonable potential analysis for new NPDES permits, as required by federal regulations | (FTE included above) .10 FTE (EPA) | Permits issued with WQ-based effluent limits beyond ammonia and chlorine | ongoing |
| IW Permit Advisory Committee recommendations | Statewide | Continue to incorporate the IW committee report recommendations, as feasible, inc. the EPA guidance for performance-based reductions for monitoring and reporting; Coordinate w/EPA on recommendations affecting NPDES permits and rules | (FTE included above) .05 FTE (EPA) | Recommendations incorporated and implemented as feasible; EPA guidance implemented | ongoing |

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| Stormwater control | Statewide | Continue implementation of stormwater program; develop rules; update and expand BMP guidance to include groundwater | 5 FTE (DEQ) | Stormwater permits issued; BMPs developed and implemented | ongoing | C |
| Pretreatment | Statewide | Continue implementation of the approved pretreatment program; EPA provide limited oversight and TA, as requested | 1.25 FTE (DEQ) .10 FTE (EPA) | PCIs/audits completed; PCS data provided; timely enforcement, if necessary | ongoing | C |
| Biosolids/Sludge Management | Statewide | Continue to implement state program, and work with EPA towards delegation of land application responsibilities; submit application for delegation | 4.25 FTE (DEQ) .05 FTE (EPA) | Delegation application submitted to EPA Other program activities | Sept 97 ongoing | 1 a C |
| Engineering review of treatment facilities | Statewide | Promptly review facility plans, and plans and specifications for construction or substantial rehabilitation of wastewater treatment facilities; provide TA as needed; perform courtesy reviews of predesign and partial plans as resources allow. | 3.5 FTE (DEQ-Regions) | Plans reviewed; TA provided | ongoing | C |
| Certification for operators of treatment works | Statewide | Continue to provide training and certification for plant operators; provide technical assistance and administer exams. | 2 FTE (DEQ) | # operators certified | ongoing | C |
| Financing for municipal POTWs | Statewide | Prepare annual intended use plan; administer \$170 million SRF loan program; coordinate SRF funding with CSRI and 303(d) priorities; Commit 90% of federal award; close out EPA CG projects | 7 FTE (DEQ) | intended use plan submitted to EPA; loan agreements signed; CG projects completed and closed | July 98 | C |
| Compliance Assistance | Statewide | Timely review of DMRs and other required reports; TA provided to regulated community as resources allow Further develop automated DMR reporting system | (FTE inc above for permitting) | DMRs reviewed prompt followup on reported non-compliance DMR pilots selected and project begun. | ongoing | C |
| Complaints Responsiveness | Statewide | Respond promptly to citizen complaints, reports of spills, and other incidents of known or suspected non-compliance | (FTE inc above) | Prompt response, investigation, and resolution of citizen complaints; referral for enforcement action as indicated. | ongoing | T |

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| Source Inspections | Selected facilities | Inspect 50% of major NPDES sources; inspect minor sources as resources allow; develop strategy for inspecting minor sources (as part of 303(e) plan and watershed-based permitting strategy) | (FTE inc above) | Major NPDES inspections completed | June 98 | C |
| Compliance Reporting | Statewide | Provide data to EPA for entry into Permits Compliance System (PCS) Enter data into PCS | (DEQ FTE inc above) .05 FTE EPA | Minor sources identified and inspection strategy completed Data reported promptly and entered into PCS | Oct 97 ongoing | C n c f |
| Collaborative Planning | Statewide | Jointly meet to discuss NPDES program specific enf and comp assurance planning efforts (as per 5-97 guiding principles agreement) Revise and update Compliance Assurance Agreement for NPDES and UIC programs | (DEQ FTE inc above) .05 FTE-(EPA) | Guiding principles understood, finalized and implemented CAA updated and approved | Aug 97 June 98 | C n |

| DEFINITIONS | |
|---------------------------------|--|
| <i>Long-Term Goal</i> | the overall long-range agency purpose; the condition of the environment we are trying to achieve; the condition to be reached by a certain date |
| <i>FY 97 Objective</i> | specific, attainable, quantifiable components of a goal; describes what is to be accomplished, expressed in measurable levels of performance within a specified time frame or by a targeted deadline; does not include activities or actions to be undertaken. |
| <i>WQ Problem/Issue</i> | the water quality problem or issue relative to the stated priority |
| <i>Geographic Focus</i> | is problem/issue of statewide concern? or pertinent to a particular waterbody or watershed |
| <i>Activities</i> | specific activities, tasks, programs, actions, steps, or methods that will be used to solve problems and achieve objectives. |
| <i>Resources</i> | estimated resources (in FTE) needed to do the work, depending on availability of funds to support positions. |
| <i>Outputs</i> | immediate (within one year, or biennium as appropriate) products of activities and efforts, short-term results |
| <i>Target Date</i> | expected date for completing activity and producing output |
| <i>Measure/Indicator</i> | the long-term result or outcome of the activity and output; information that measures progress toward meeting goals and objectives; measurable trends or improvements to water quality meaningful to the public and relevant to the agency's mission. CPM# in this column refer to the EPA Core Performance Measures, described as follows. OWQI is the Oregon Water Quality Index, a group of indices that measure trends for certain parameters in surface waters that are part of the ambient water quality monitoring network. OECA measure refers to the the appropriate indicator as described by the EPA Office of Enforcement and Compliance Assurance. |

| EPA Office of Water -- Core Performance Measures (CPM) | Associated Reporting Requirements |
|---|---|
| <ol style="list-style-type: none"> 1. % of assessed waterbodies that protect public health and the environment by supporting fish and shellfish consumption, safe recreation, and healthy aquatic life use designations. 2. % of assessed rivers and estuaries with healthy aquatic communities 3. % change of selected substances found in surface waters | <ul style="list-style-type: none"> • Describe major achievements in developing and implementing management programs, including how water quality standards, water quality improvements and how interrelated programs with watershed approach. • Describe Section 319 program activities undertaken to reflect an effective non-point source program (national Nonpoint Source) • Describe Statewide monitoring program (as per Section 106 g) • Describe status of compliance with Section 303(d) list • % of assessed rivers and lakes in the state containing fish that cannot be consumed, or should be consumed only in limited quantities |
| <ol style="list-style-type: none"> 4. % of watersheds with toxic pollutant loadings at or less than permitted limits 5. % of facilities implementing wet weather control measures | <ul style="list-style-type: none"> • # and % of facilities: which are covered by a current NPDES permit; which have applied for NPDES permit; or which are on a judicial appeal • # of non-storm water general permits issued and the # of facilities • # and % of facilities with wet weather discharges which have: NPDES permit; applied for an NPDES permit; administrative • # and % of pretreatment facilities audited; identify % of audits that are part of a watershed permitting plan • % of POTWs beneficially reusing all or a part of biosolids, and the % of biosolids beneficially used |
| <ol style="list-style-type: none"> 6. # of stream segments showing water quality benefits as a result of Clean Water State Revolving Fund investments 7. # of community drinking water systems (and populations served) that provide drinking water that meets all standards as a result of implementing the Drinking Water State Revolving Fund | <ul style="list-style-type: none"> • Comparison of quarterly outlays to planning targets for SRF • Report on indicators to measure progress of SRF program • Submit info required for SRF information system |

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|---|---|
| <p>8. # and % of community water systems (and populations served) with one or more violations of health-based requirements during the year, reported separately for violations of the Total Coliform Rule, Surface Water Treatment Rule, Nitrate, Lead and Copper Rule, and all other regulated contaminants</p> <p>9. % of assessed rivers, streams, and reservoirs designated for drinking water use that fully support use as a drinking water supply</p> <p>10. % of community and non-transient noncommunity water systems (and populations served) with lead levels in drinking water exceeding the action level in the Lead and Copper Rule</p> | <ul style="list-style-type: none"> • Describe activities undertaken to meet new Safe Drinking Wa status and program information reported by Oregon Health D |
| <p>11. # and % of community water systems (and population served) with ground water or surface water protection programs in place</p> | <ul style="list-style-type: none"> • % Source Water set aside funds earmarked for source water de report progress in implementing work plan • # of underground injection wells tested for mechanical integrit stays within the well and within the injection zone and the # th • # of Class IV/V wells brought under specific control through p other actions taken to identify Class V wells and to address po V wells • # of abandoned or other wells plugged as a direct action by th another program working in partnership with UIC to protect U |

(Information taken from EPA memo dated 5-12-97, Interim Core Performance Measures and Associated Reporting Requirements for States for the Water Program, FY 98)