# Anacortes Water Comprehensive Plan Technical Memorandum

# HIR

Date: November 22, 2010

Subject: Watershed Control Plan Update

To: File

From: Eric Habermeyer and Jeff Hansen, HDR

This technical memorandum presents an update to the City of Anacortes' (City) Watershed Control Plan (WCP).

# 1. Purpose of Watershed Control Plan

The Washington Department of Health (DOH) is responsible for the regulation and protection of our State's drinking water sources. Compliance with DOH regulatory standards is achieved using a variety of methods, depending on the type of water source involved and the current and projected demand on the water system. In systems where the primary source is surface water, such as a river, the source may be susceptible to contamination from a variety of sources throughout the watershed. In an effort to address this issue, DOH requires a Watershed Control Program to be implemented to minimize the risk posed by these potential sources of contamination.

The City initially developed its WCP in 2004, to meet the following objectives:

- to describe the watershed;
- maintain an up-to-date land use inventory;
- identify potential sources of contamination;
- describe watershed control measures;
- evaluate water quality trends and monitoring practices;
- evaluate treatment operations;
- evaluate the risks associated with potential sources of contamination;
- describe planned public education and outreach programs;
- summarize existing emergency spill response and contingency plans; and

provide recommendations for future watershed program improvements.

To meet requirements in WAC 246-290-135, systems must update their watershed control plans every six years as part of updating Water Comprehensive Plans.

This 2010 Watershed Control Plan Update (WCP Update) has been developed to document and summarize changes in the watershed, activities conducted by the City to manage and protect water quality of this source, and planned efforts to continue protecting the City's Skagit River supply.

# 2. Update Approach

This WCP Update was prepared as part of the 2010 City's Water Comprehensive Plan. This update was developed by reviewing available data and information from the City. In addition, Washington State Department of Ecology's (DOE) Facility/Site Identification Database was used to develop the potential point source contaminant inventory.

# 3. Watershed Description

The term "watershed" can be defined in a variety of ways depending on the application and context. The Washington Administrative Code defines the term, in relation to the regulation of drinking water, as "the region or area that ultimately drains into a surface water source that is diverted for drinking water supply; and affects the physical, chemical, microbiological, and radiological quality of the source." In the case of the Skagit River Watershed, this definition encompasses an extensive area and involves multiple jurisdictions. For the purpose of regulation at the local level, this definition creates an impractical implementation area that covers thousands of square miles and extends into Canada. It was therefore necessary to more narrowly define the area to be considered in the WCP and in this update document.

The watershed was defined in the 2004 WCP using computer-based watershed delineation tools and elevation data from the U.S. Geological Survey. No data were available for the portion of the watershed that extends into Canada, and since this area is outside of state and local jurisdiction, it was not included. The Skagit River Watershed is comprised of Water Resource Inventory Areas 3 and 4, as defined by the Washington Departments of Ecology , Natural Resources, and Fish and Wildlife in 1970.

The City's WCP program area includes approximately 80 square miles within the Skagit River Watershed located in western Skagit County. The program area is mostly contained within Water Resource Inventory Area 3, the Lower Skagit-Samish Basin. Rolling foothills and floodplains characterize the terrain. Natural vegetation includes species such as western hemlock, western red cedar, red alder, and Douglas fir. Land use is dominated by forestry and agriculture. The municipalities of Burlington, Concrete, Hamilton, Lyman, Mount Vernon, and Sedro-Woolley are located in the program area. The primary population centers are Burlington, Mount Vernon and Sedro-Woolley.

Figure 1 depicts the program area location. Additional detail is provided in the 2004 WCP. The program area delineation has not changed from that presented in the 2004 WCP.

# **4** Source Description

The City owns and operates a regional water treatment plant located near Mount Vernon on the east bank of the Skagit River. The plant was constructed and placed in operation in 1971. The City's water system serves Anacortes, La Conner, Oak Harbor, the Tesoro and Shell Oil Refineries, the Swinomish Indian Reservation, portions of the PUD service area, and numerous other industrial customers. The supply for the City's water treatment plant is from the Skagit River, where there is an intake providing water to the City and other jurisdictions.

# 5 Water Quality

Skagit County currently monitors water quality within the watershed at 41 permanent locations. Each site in the monitoring program is visited every two weeks where dissolved oxygen, temperature, pH, turbidity, conductivity, salinity, and fecal coliform are measured, with additional samples collected for total nitrogen, ammonia, nitrate, nitrite, total phosphorus and total suspended solids on a quarterly basis.

Table 1 presents a comparison of water quality data collected in recent years at Site 29 - Skagit River at River Bend Road and Site 30 – Skagit River at Cape Horn Road. These site locations are identified on Figure 1.

**Table 1 Water Quality Data for Two Monitoring Sites on the Skagit River** 

Water Quality Parameter	Unit	Skagit River at River Bend Road Site #29	Skagit River at Cape Horn Road Site #30		
		2003 - 2009 Average	2002 – 2006 Average		
Fecal Coliform	cfu	33	10		
Ammonia-N	mg/L	0.06	0.02		
Nitrate/Nitrite-N	mg/L	0.08	0.09		
Oxygen	mg/L	11.10	11.31		
pH	pH unit	7.32	7.29		
Suspended Solids	mg/L	30	28		
Temperature	°C	9.1	8.5		
Total Phosphorous	mg/L	0.06	0.07		
Turbidity	NTU	19.70	13.22		

## 6. Land Use

Land use in the program area is dominated by agriculture. The majority of land is privately owned; public lands are located primarily within the city limits of municipalities.

Skagit County is required to plan land use and zoning under the State's Growth Management Act. Land located within the program area and outside the city limits of municipalities is subject to regulation under the Skagit County Comprehensive Plan, land use and zoning regulations. Incorporated cities within the program area have individual comprehensive plans to regulate land use and zoning within city limits.

Sources of potential water supply source contamination within the program area are of paramount concern in the development and implementation of the WCP. To that end, a list of Potential Contaminant Sources (PCSs) was developed for use in the 2004 WCP. The PCS list is comprised of parcels within the program area where the current land use designation is one considered to pose a threat to water quality in the Skagit River.

Three aggregate groups of PCSs were created for use in the 2004 WCP:

- **Agriculture**, including cropland, pasture, and orchards
- **Commercial/Industrial**, including manufacturing, retail, construction, mining and other resource production
- **Transportation**, including associated parking and maintenance facilities

These PCS groups were developed by grouping activities associated with land use designations from the Skagit County Comprehensive Plan, which are assigned to individual parcels by the Skagit County Assessor's Office. Table 2 describes the types of contaminants associated with these activity groups. Figure 1 depicts the location and extents of each of these designations throughout the program area.

**Table 2 Activities and Contaminants Associated with PCS Groups** 

PCS Group	Activities	Contaminants	
Agriculture	Fertilizers/herbicides/pesticides Contained animal feeding operations Lagoons and liquid waste Irrigation/erosion of natural deposits	Organic Inorganic Trihalomethanes Microbial	
Commercial/Industrial	Fabrication/manufacturing Synthetics/plastic production Chemical/petroleum processing Wastewater discharge	Organic Inorganic Trihalomethanes Microbial Radionuclides	
Transportation	Maintenance/fueling areas Stormwater runoff Hazardous materials transport	Organic Inorganic Trihalomethanes	

In addition, facilities regulated by DOE were considered potential sources of contamination. DOE is tasked with administration and enforcement of the National Pollution Discharge Elimination System (NPDES) in our State. Authorized by the federal Clean Water Act, the NPDES permit program regulates point sources that discharge pollutants into waters of the United States. DOE regulates these and other types of sites that pose a potential threat to the environment. DOE regulated sites located within the program area (as of a November 2010 review of DOE data) are listed in Table 3. Figure 1 shows the location and type of each site.

Within the program area, there are 189 potential point sources of contamination. This is significantly more than the 95 potential point sources identified within the same area as part of the 2004 WCP. The difference is likely due to changes in how DOE tracks and stores facility information. Many of these facilities are close to or within the Cities of Burlington and Mt Vernon.

According to DOE, there are 66 underground storage tanks within the program area and 18 leaking underground storage tanks. These sites could contaminate groundwater in the area and have the potential to affect the water quality at the source.

Sites that handle or generate hazardous waste also present potential for surface and groundwater contamination. The type of contamination that could occur is specific to each location and the materials being handled.

Additionally, contamination can occur due to accidental discharges or spills from or on major roadways and other structures. An inventory of such potential sources of contamination is provided in the 2004 WCP, and has not materially changed since it was initially developed.

## 7. Watershed Control Program Strategies

In the case of the Skagit River Watershed and the program area defined in this document, obtaining or maintaining complete control of all potential contaminant sources is impossible due to the wide variety of land owners and uses present. In this situation, the goal of the WCP is not to control all potential contaminant sources, but to minimize the risk of potential contamination and the impact on the public drinking water supply if contamination does occur.

The City identified the following program strategies in the 2004 WCP. These strategies remain valid today, and the City plans to implement them as resources (both monetarily and in terms of staff time) allow during the six-year planning horizon.

#### 7.1 Public Education

The most effective way to minimize the risk of source supply contamination in the program area is to educate the public about this risk. Land owners and users within the program area are most likely to cause an accidental spill; they are most likely to be the first point of contact with emergency management agencies by reporting a spill; and they are most able to prevent accidents through conscientious management of potential sources of contamination. The 2004 WCP contains specific education activities the City plans to implement in the future.

## 7.2 Emergency Notification

Once an accidental spill occurs or a peak flow event becomes imminent, the focus of the WCP is to facilitate an appropriate response to protect the public drinking water supply. Timely notification of key personnel at the state and local levels is essential in this situation. Travel times of contaminants to the City or PUD water intakes can be very short and will necessitate a prompt response to protect the public drinking water supply. Notification protocols are outlined in the 2004 WCP.

#### 7.3 DOE Permit Holder Notification

This involves contacting individuals listed as holders of the environmental permits issued by DOE within the program area to describe and explain the WCP and explain to permit holders what they should do in the event of an accidental contaminant discharge. The City will evaluate the feasibility and cost of implementing this measure within the next six years.

## 7.4 Interlocal Agreements

Implementation of the WCP is dependent upon coordination among municipalities within the program area. The first step in fostering this coordination is to initiate communication with the governments of Burlington, Concrete, Hamilton, Lyman, Mount Vernon, Sedro-Woolley and Skagit County, as well as emergency management agencies, law enforcement, and other parties. The City will consider entering into Memoranda of Agreement with such entities.

### 7.5 Cooperation

The key to success of this WCP is the development of cooperation among state and local agencies, municipalities in the program area, the City and the PUD. These parties must be made aware of the WCP and their active, on-going role in its implementation. Potential coordination activities are identified in the 2004 WCP. The City will implement these measures as resources allow.

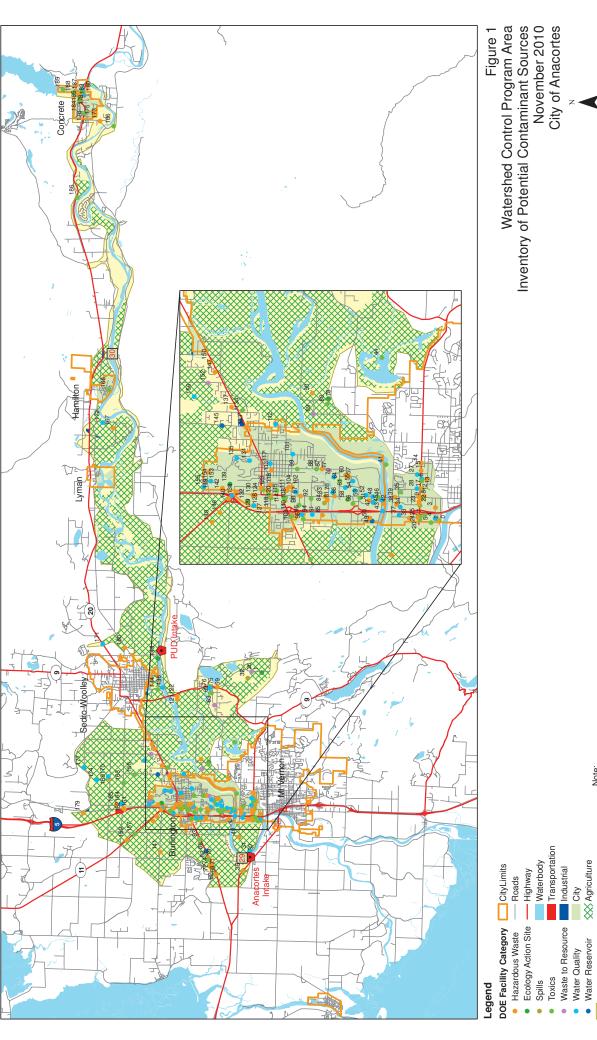


Figure 1
Watershed Control Program Area
Inventory of Potential Contaminant Sources
November 2010
City of Anacortes

ProgramArea

Skagit Co Monitoring Site

Toxics
Waste to Resource
Water Quality Water Reservoir

Spills

Note: See Table 3 for listing of potential contaminant sources

0 1 2 3 4 5 6	349764 7488656 1838 32542885 97994478 36682659	Site name  Aqua Jet Enterprises Leclair Dairy Waste Pond Farrells Auto Wrecking Dallys Auto Body Skapit County Public Utility 1	Type of Point Source Revised Site Visit Program Dam Site Revised Site Visit Program Hazardous Waste Generator	Ecology program Toxics Ecology Action Site Hazardous Waste	91 92 93	DOE Facility ID 13700 3438911 65239992	Site name Goldenrod Tenancy in Common Target Store 0696 1303 Village	Type of Point Source  Construction SW GP  Hazardous Waste Generator  LUST Facility	Ecology program Water Quality Toxics
0 1 2 3 4 5 6	349764 7488656 1838 32542885 97994478	Aqua Jet Enterprises Leclair Dairy Waste Pond Farrells Auto Wrecking Dallys Auto Body	Revised Site Visit Program  Dam Site  Revised Site Visit Program	Toxics Ecology Action Site	91 92	13700 3438911	Goldenrod Tenancy in Common Target Store 0696	Construction SW GP Hazardous Waste Generator	Water Quality Toxics
2 3 4 5 6	1838 32542885 97994478	Farrells Auto Wrecking Dallys Auto Body	Revised Site Visit Program						
4 5 6	97994478		Hazardous Maste Congrator					LU31 I dulity	Toxics
5 6 7			Emergency/Haz Chem Rpt TIER2	Hazardous Waste Water Quality	94	4814477	Burlington Cardlock	Underground Storage Tank Underground Storage Tank	Toxics Hazardous Waste
7		Freeway Drive Texaco	Haz Waste Management Activity	Toxics	95	2671	PSC Skagit SVC	Underground Storage Tank	Toxics
	39874293	Draper Valley Farms Mt Vernon	Emergency/Haz Chem Rpt TIER2 Industrial IP	Hazardous Waste Toxics	96 97	22184 12229	Site Plan for Re Carpet Fred Meyer/Fuel Stop 024	Construction SW GP Underground Storage Tank	Water Quality Hazardous Waste
	14995166	Ford Foreses	Industrial SW GP Underground Storage Tank	Toxics Toxics	98 99	23005 35336572	Skagit Transmission Lila Lane	Moderate Risk Waste Emergency/Haz Chem Rot TIER2	Toxics Toxics
	14995100	Fuel Express	Enforcement Final	Hazardous Waste	100	14458	Helena Chemical Co Burlington NW Plus Credit Union - Burlington Site	Construction SW GP	Water Quality
8	23834	Sherwin Williams Co 8252	LUST Facility Hazardous Waste Generator	Hazardous Waste Hazardous Waste	101 102	5855 2978184	32 Lot Helgesen Residential Plat Fibrex Corp	Construction SW GP Industrial SW GP	Water Quality Hazardous Waste
9	49355844	Top Auto Inc Mt Vernon	Underground Storage Tank	Toxics				Industrial IP	Water Quality
10 11	45759235 1456761	Nelson Distributing Skagit Valley Herald	Emergency/Haz Chem Rpt TIER2 Emergency/Haz Chem Rpt TIER2	Toxics Water Quality	103	42487926	Arco 6194	Underground Storage Tank LUST Facility	Toxics Waste to Resource
12 13	17285127 61364131	Washington Cheese Co Dari Marketing Services	Emergency/Haz Chem Rpt TIER2 Underground Storage Tank	Toxics Toxics	104	77927419	Fibrex Corporation	Toxics Release Inventory Emergency/Haz Chem Rpt TIER2	Hazardous Waste Toxics
14	36453625	Rental Service Corporation 566	Haz Waste Management Activity	Hazardous Waste				Hazardous Waste Generator	Hazardous Waste
15	8191655	Island Construction Mt Vernon	Emergency/Haz Chem Rpt TIER2 Non Enforcement Final	Water Quality Hazardous Waste	105	4477949	North Sound Marine Inc	Toxics Release Inventory Emergency/Haz Chem Rpt TIER2	Toxics Hazardous Waste
16	86757962		401CZM Project Site LUST Facility	Water Quality Hazardous Waste	106 107	23836 82249852	Burlington Walgreens Gull Industries Inc 294	Construction SW GP LUST Facility	Waste to Resource Toxics
16		U Save Oil Co Inc Mt Vernon	State Cleanup Site		107		Guil Industries Inc 294	Voluntary Cleanup Sites	
17 18	2678 65436525	Unocal Mt Vernon Bulk Fuel Tosco Corporation Site 25630731148	Emergency/Haz Chem Rpt TIER2 Underground Storage Tank	Hazardous Waste Toxics	108	53793776	Burlington Bulk Plant 296	LUST Facility Enforcement Final	Hazardous Waste Spills
	2659		Haz Waste Management Activity	Toxics	109	69895318 77756314	WA DOT Burlington Rio Vista	Underground Storage Tank	Toxics
19 20	22941236	Mt Vernon Gasoline Spill Kwik n Kleen Carwash & Foodmart	Independent Cleanup Underground Storage Tank	Toxics Toxics	110	77730314	Texaco Station 121367	Haz Waste Management Activity Hazardous Waste Generator	Toxics Toxics
21 22	717314 50528846	Safeway Fuel Mt Vernon Hawleys Automotive	Underground Storage Tank Underground Storage Tank	Hazardous Waste Hazardous Waste	111	14636279	Americold Corp Burlington	Underground Storage Tank Emergency/Haz Chem Rpt TIER2	Toxics Toxics
23	69264124	Mt Vernon Exxon 262	LUST Facility	Hazardous Waste				Industrial SW GP	Toxics
24 25	9977921 5820586	Lowes HIW 035 Kwick n Kleen	Hazardous Waste Generator Enforcement Final	Toxics Hazardous Waste	112 113	6460019 85527746	Raspberry Ridge Apartment Property Burlington Edison School Dist	State Cleanup Site Emergency/Haz Chem Rpt TIER2	Water Quality Hazardous Waste
26	8396488	Leclair Farms Mt Vernon	Dairy  AP Aquatic Plant and Algae Management GP	Waste to Resource Water Quality	114	6043070 25786278	Ajax Inc	Revised Site Visit Program	Toxics
27 28	23526 15912	Aquatechnex Beaver Lake Paulson Commercial Project	Construction SW GP	Water Quality Water Quality	115 116	74486678	Skagit Big Mini Mart 1 Glow Cleaners	Underground Storage Tank Emergency/Haz Chem Rpt TIER2	Hazardous Waste Hazardous Waste
29 30	65372773 79423677	Northwest Hay Sales Anacortes WTP	Underground Storage Tank Emergency/Haz Chem Rpt TIER2	Toxics Water Quality	117 118	7656 25796697	City of Burlington Burlington Wash Rack	Municipal SW Phase II Western WA GP	Water Quality Toxics
31	3730	Anacortes Water Treatment Plant	Water Treatment Plant GP	Water Quality	119	93515752	WA Parks Northwest Region HQ	Haz Waste Management Activity	Hazardous Waste
32 33	5108482 44421189	Beaver Lake Quarry NC Machinery Co Mt Vernon	Sand and Gravel GP Haz Waste Management Activity	Spills Hazardous Waste	120 121	46849498 8851127	Hexcel Corp Clear Lake Compactor Site	Hazardous Waste Generator Moderate Risk Waste	Toxics Hazardous Waste
	11478272		Underground Storage Tank	Hazardous Waste				Energy Recovery	Hazardous Waste
34 35	5581542	Walmart 2596 Gary Minton Property	Hazardous Waste Generator Underground Storage Tank	Water Quality Toxics	122	9160169	WA AGR Skagit 2	Recycling Hazardous Waste Generator	Toxics Hazardous Waste
36	38531157	WA WSU Mt Vernon Res & Ext Unit	State Cleanup Site Hazardous Waste Generator	Hazardous Waste Toxics	123	4535542	Skagit County Public Works Avon St	Underground Storage Tank Emergency/Haz Chem Rpt TIER2	Hazardous Waste Hazardous Waste
			Haz Waste Management Activity	Toxics				LUST Facility	Waste to Resource
			Industrial SW GP Underground Storage Tank	Toxics Toxics	124	5448177	Burlington Edison Sd 100 Auxiliary Svc	State Cleanup Site Emergency/Haz Chem Rpt TIER2	Water Quality Hazardous Waste
37	16107 23590	Walmart Supercenter 2596	Hazardous Waste Generator	Water Quality		27561372		Haz Waste Management Activity Emergency/Haz Chem Rpt TIER2	Waste to Resource
38 39	65248552	Sherwin Williams 1729 Valley Oldsmobile Cadillac	Hazardous Waste Generator Underground Storage Tank	Hazardous Waste Hazardous Waste	125 126	55536418	Burlington Edison Bus Garage Pacific Pride Andis Road	Emergency/Haz Chem Rpt TIER2	Hazardous Waste Hazardous Waste
40 41	61467836 5235055	Earl Hanson	Hazardous Waste Generator 401C7M Project Site	Hazardous Waste Toxics	127 128	58128843 84563866	Roberts Co Inc Hearth Trends Inc	Emergency/Haz Chem Rpt TIER2 Emergency/Haz Chem Rpt TIER2	Toxics Toxics
41	3233033	Hoag Road Dike	Construction SW GP	Water Quality	129	97418151	Lakeside Industries Burlington	Emergency/Haz Chem Rpt TIER2	Water Quality
42	8610624	Fibres International Inc 4th Ave	Non Enforcement Final Storage & Handling	Water Quality Hazardous Waste	130 131	73449299 11671	Burlington Bulk Plant Plat of Bendtsen Heights	LUST Facility Construction SW GP	Hazardous Waste Water Quality
			Industrial SW GP	Hazardous Waste	132	8659899	Buffalo Industries	Energy Recovery	Toxics
43 44	6569 66456218	Gateway Storage Park USA Petroleum Sta 188	Construction SW GP LUST Facility	Water Quality Toxics	133 134	9631174 66314669	Raspberry Ridge II Whatcom Drums	State Cleanup Site Emergency/Haz Chem Rpt TIER2	Hazardous Waste Toxics
45	2235552		Hazardous Waste Generator Underground Storage Tank	Hazardous Waste Water Quality	135 136	21296 6665	Burlington Hill Condominium	Construction SW GP Municipal IP	Water Quality Water Quality
45		Cascade Ready Mix Garl	Industrial IP	Ecology Action Site			Sedro Woolley STP	Biosolids	Toxics
46 47	48157755 6417564	Burlington Ford New Holland Inc Burlington Home Depot 8561	Emergency/Haz Chem Rpt TIER2 Hazardous Waste Generator	Toxics Water Quality	137 138	69293456 15235	Holiday Market WSDOT SR 11 ChuckAnut	Underground Storage Tank Construction SW GP	Hazardous Waste Water Quality
48	5327890	Mutual Materials Co Mt Vernon	Emergency/Haz Chem Rpt TIER2	Water Quality	139	1777686	Skagit Transit	Emergency/Haz Chem Rpt TIER2	Ecology Action Site
49 50	4236 82363767	PR Burlington Properties Foothills Pontiac Buick Toyota	Construction SW GP Underground Storage Tank	Water Reservoir Hazardous Waste	140 141	17669878 13786924	WA DOT Burlington Chuckanut Double k Farms Inc Burlington	Underground Storage Tank Underground Storage Tank	Hazardous Waste Hazardous Waste
51 52	51752151 3036	Arco 5955 Cascade Concrete Industries	Underground Storage Tank Sand and Gravel GP	Hazardous Waste Water Quality	142 143	74815578 4428338	Puget Propane Burlington Sid Top Dairy	Emergency/Haz Chem Rpt TIER2 Dairy	Hazardous Waste Ecology Action Site
52	77426355	USA Petroleum 290	Emergency/Haz Chem Rpt TIER2	Toxics	144	17866918	Arts Auto Wrecking	Industrial SW GP	Toxics
			LUST Facility Underground Storage Tank	Toxics Hazardous Waste	145	6437826	Wolters Dairy LLC	Revised Site Visit Program Dairy	Water Quality Water Reservoir
54	21276226	Sears Unit 2389/6170	Hazardous Waste Generator	Water Quality	146	20311	Watson Properties Commercial Dev	Construction SW GP	Hazardous Waste
55 56	4737 96826483	Hopper Road Business Park Costco Wholesale 662	Construction SW GP Haz Waste Management Activity	Water Quality Toxics	147	7816417	Sams Stop & Go	Underground Storage Tank LUST Facility	Hazardous Waste Hazardous Waste
			Underground Storage Tank					Emergency/Haz Chem Rpt TIER2 Municipal IP	Water Quality Waste to Resource
57	64937476	UPS Burlington	Voluntary Cleanup Sites LUST Facility	Hazardous Waste	148	5019	Tri County Truss Inc	Industrial SW GP	Hazardous Waste
58	6874060	Larrys Auto & Truck Parts Inc	State Cleanup Site Recycling	Toxics Toxics	149 150	649974 35686153	PSE Skagit Service Center United General Hospital	Hazardous Waste Generator Emergency/Haz Chem Rot TIER2	Water Quality Hazardous Waste
30		Editys Pato at Flack Falls Inc	Industrial SW GP	Water Quality	151	19239	North Hill Resources	Sand and Gravel GP	Hazardous Waste
			Revised Site Visit Program Storage & Handling	Toxics Hazardous Waste	152 153	5737459 7236178	De Boer Dairy LLC Skaqit Farmers Supply II	Dairy Underground Storage Tank	Waste to Resource Toxics
59	73997864	Country Convenience Clear Lake	Underground Storage Tank Enforcement Final	Hazardous Waste	154	8358774	Pacific Woodtech Corporation	Hazardous Waste Generator Hazardous Waste Planner	Waste to Resource Toxics
			LUST Facility	Hazardous Waste	155	7472943	Douwe Dykstra Dairy	Dairy	Water Quality
60 61	8427430 1993	Advanced H20 LLC Tudor Site Commercial	Emergency/Haz Chem Rpt TIER2 Construction SW GP	Hazardous Waste Water Quality	156	5033	Dual State Investments	Composting Sand and Gravel GP	Ecology Action Site Water Quality
62	2667	Olympic Pipe Line Co Allen Station	Hazardous Waste Generator	Hazardous Waste	157	92443888	Double K Farms Inc	Underground Storage Tank	Toxics
			Emergency/Haz Chem Rpt TIER2 Oil Facility Contingency Plan	Waste to Resource Water Quality	158 159	31347735 57492751	Dans Dairy Sakuma Brothers Processing Inc	Dairy Underground Storage Tank	Toxics Hazardous Waste
63	16100	Johnson Dairy Farm	State Cleanup Site Energy Recovery	Water Quality Waste to Resource				Emergency/Haz Chem Rpt TIER2 Industrial IP	Water Quality Hazardous Waste
64	68744675	Commercial Aircraft Interiors	Emergency/Haz Chem Rpt TIER2	Toxics	160	8017804	Harris Property Auto Recyling	State Cleanup Site	Hazardous Waste
65	36345693	Cargill Animal Nutrition	Hazardous Waste Generator Emergency/Haz Chem Rpt TIER2	Toxics Toxics	161 162	35788228 54732941	Sun Energy Services LLC Skagit Cardlock Systems UST 5218	Underground Storage Tank LUST Facility	Hazardous Waste Hazardous Waste
			Industrial SW GP Toxics Release Inventory	Water Quality Water Quality	163	3794013		Underground Storage Tank Dairy	Toxics Toxics
66	311283	His Place Community Church	State Cleanup Site	Hazardous Waste			Twogates Reg Holsteins	Non Enforcement Final	Hazardous Waste
67 68	5332714 31426711	National Frozen Foods Mt Vernon Transmart Petroleum Avon Bulk Pant	Emergency/Haz Chem Rpt TIER2 LUST Facility	Toxics Hazardous Waste	164	4348	WA DOT SR11 IS	Construction SW GP Industrial SW GP	Water Quality Hazardous Waste
~		DUIK FOIL	Emergency/Haz Chem Rpt TIER2	Hazardous Waste	165	316236	Lagerwood Farms Inc	Dairy	Hazardous Waste
			State Cleanup Site Underground Storage Tank	Hazardous Waste Hazardous Waste	166	48556819	Concrete Shop	Underground Storage Tank Enforcement Final	Toxics Water Quality
69	46858985	Clear Lake Elementary School	Hazardous Waste Generator Emergency/Haz Chem Rpt TIER2	Toxics Toxics	167 168	3122006 77671279	Branshel Farm Hamilton Log Yard	Dairy Emergency/Haz Chem Rpt TIER2	Hazardous Waste Toxics
70	7226	DS Waters	Haz Waste Management Activity	Water Quality	169	5376956	CSR Associated Butler Pit	Emergency/Haz Chem Rpt TIER2	Hazardous Waste
71	59973687	Olympic Pipe Line Co Bayview Terminal	Hazardous Waste Generator Oil Facility Contingency Plan	Toxics Hazardous Waste	170 171	11591 5561833	Cemex Butler Pit Nielsen Brothers Inc	Sand and Gravel GP Enforcement Final	Water Quality Water Quality
72	85862767 10532	Edco Inc	Industrial SW GP Construction SW GP	Hazardous Waste	172	6510 90279462	Cockreham Island	Enforcement Final Emergency/Haz Chem Rpt TIER2	Water Quality Hazardous Waste
73 74	78427782	Burlington Regional Stormwater Facilty UAP Distribution Inc	Emergency/Haz Chem Rpt TIER2	Water Quality Hazardous Waste	173 174	9586	Skagit County Public Works Concrete Concrete Northwest Peterson	Sand and Gravel GP	Water Quality
75	65722165	Valley Freightliner	Haz Waste Management Activity Industrial SW GP	Toxics Toxics	175 176	76238174 46574748	Concrete School District 11 Loggers Landing	Underground Storage Tank Underground Storage Tank	Hazardous Waste Toxics
76	704301	Jansma Construction Inc	Recycling	Water Quality	177	3098	Concrete Northwest Butler Pit	Sand and Gravel GP	Water Quality
77	7036275	Northwest Farm Foods Coop	Emergency/Haz Chem Rpt TIER2 Industrial IP	Waste to Resource Ecology Action Site	178	74176417	Skagit Cardlock Systems UST 11238	Sand and Gravel GP Underground Storage Tank	Ecology Action Site Hazardous Waste
70	7739758	De Vries Dairy LP	Industrial IP Dairy	Water Quality Ecology Action Site	179	34593771 7356	Fast Break Operations Town of Concrete WTP Improvements	Underground Storage Tank Construction SW GP	Hazardous Waste Water Quality
78 79	4481712	Martin Commercial Fueling Inc	Emergency/Haz Chem Rpt TIER2	Hazardous Waste	180			Biosolids	Toxics
80	83839671	Alice Devries	Underground Storage Tank LUST Facility	Toxics	181	8085730	Concrete STP	Enforcement Final Municipal IP	Water Quality Waste to Resource
81	42536776	Chevron Station 207730	Haz Waste Management Activity	Hazardous Waste	182		PSE Upper Baker Generating Sta	Haz Waste Management Activity	Toxics
82	56197864	Wilbur Ellis Co Mt Vernon	Underground Storage Tank Emergency/Haz Chem Rpt TIER2	Water Quality Toxics	183 184	9333187 61443811	GTE Northwest Incorporated 6634 Philips Corner Rich or Dale Philips	Voluntary Cleanup Sites Emergency/Haz Chem Rpt TIER2	Toxics Toxics
83	29974694 95774849	Skagit Farmers Supply Burlington 1260	Underground Storage Tank Emergency/Haz Chem Rpt TIER2	Hazardous Waste Spills	185 186	43943216 44711491	Texaco Station Peterson Grandy Creek Grocery	Underground Storage Tank Underground Storage Tank	Hazardous Waste Toxics
	57726192	Skagit Farmers Supply Burlington 1276 Fisher Sons Inc	Hazardous Waste Generator	Hazardous Waste	187	91913661	PSE Lower Baker Switchyard	Independent Cleanup	Hazardous Waste
85	8574870 54933375	Draper Valley Farms Burlington Skagit River Steel & Recycling Inc	Emergency/Haz Chem Rpt TIER2 Underground Storage Tank	Water Reservoir Hazardous Waste	188 189	9410484 8529946	PSE Upper Baker River Generation PSE Lower Baker Dam	Emergency/Haz Chem Rpt TIER2 Non Enforcement Final	Toxics Toxics
86		and a very and a second	Energy Recovery	Toxics	109		, an armer beaner built		1
86	8009	Dynes Farm Inc	Industrial SW GP Enforcement Final	Hazardous Waste Toxics					
86 87		Dynes Farm Inc Nookachamps Wetlands Mitigation Bank	Industrial SW GP						