

TABLE 6-1

RECLASSIFICATION SCHEME FOR OREGON CRI SITES

Reclassn Code	Title	Original SICs given in CRI reports	# Sites of Companies reclassified	# Reports they filed	# Acres (owned by claimant)	Description
1000	Mining	1021, 1041, 1092, 1094, 9512	7	25	420.5	Mining Industries of various sorts, involving the mining of uranium and various sorts of metals; note: uranium mechanism of carcinogenicity is different from heavy metal ores and related waste products.
1400	Quarries	12, 1400, 1412	5	23	158	Industries which entail earth removal and development of resources from this material; main examples include sand and gravel and rock removal for use in buildings and roadways.
1600	Construction	1611, 1771, 2421	3	79	281.6	Construction facilities engaged in building and site redevelopment.
2000	Food Manufacturers	2011 (tallow mfr), 2013 (food smoking), 2037 (frozen food mfg) and one without data (cereal mfr)	4	23	375	Various food production facilities
2400	Wood Products	2400, 2421, 2435, 2436, 2491, 2499, some 2021, 2611, 4214 and 5031	48	229	2413	Wood products development, treatment and manufacturing at all levels, excluding pulp products like cardboard and paper
2491	Creosote Industries	2491 exclusively	12	146	245	Development of creosote and engagement in the creosoting process.
2700	Paper/Printing Industries	2700, 2741, 2651	3	21	30	Development of pulp and paper products, including processed paper.
2800	Chemical Industries	2812, 2819, 2834, 2841, 2842, 2851, 2869, 3089, 3339, 3412	19	164	383	Production of chemical products varying from pharmaceuticals, paints and dyes, and electronic wares, to certain food and food packaging products.

RECLASSIFICATION SCHEME FOR OREGON CRI SITES (CONTINUED)

Reclassn Code	Title	Original SICs given in CRI reports	# Sites of Companies reclassified	# Reports they filed	# Acres (owned by claimant)	Description
2870	Agricultural Industry	2819, 2873, 2879; some 6, 291, 721, 9512	14	116	750	Assorted grain/crop industries, with agrichemical and pesticide users and agrichemical products distributors/applicators
2900	Petrochemical Industry	2911, 2992, 2999, 5015	15	169	100	Oil distributors and storage companies, Petrol-derived chemical products manufacturers
3111	Leather Products mfr	3111 exclusively	2	78	39	Heavy metal related tanning processes, with use of numerous metallic agents, solvents and halogenic compounds
3334	Metal Industries	much of the 3300 and 3400 series	37	227	1875	Metals manufacturers utilizing various metals and alloys; consists primarily of development of metal products, with activities ranging from polishing and finishing to electrolytic work.
3538	Metal Product mfg	much of the 3500 series, with some 3800 and 3900 cos., excluding battery mfrs	13	74	220	Production of large scale metal equipment and machinery, ranging from engine block material and water pumps to vending machines.
3600	Electronics Industry	much of the 3600 series, with 3825, excluding battery mfrs	8	142	500	Production of electronics equipment hardware
3690	Battery Mnfrg and Disposal Sites	3691, with one 2819 company	5	30	20	Production of batteries; responsible for management of battery disposal
3700	Transportation Vehicles (excl. truck and auto)	assorted, including 3728, 3471, 3743, 3799, 5198, 5399	12	75	201	Assorted manufacturing sites for mass transportation vehicles, especially trains and aircraft
3730	Marina Facilities	almost exclusively 3731, with one 3700 addition	16	117	240	Sites for repair and restoration of boats and marine products surfaces.

RECLASSIFICATION SCHEME FOR OREGON CRI SITES (CONTINUED)

Reclassn Code	Title	Original SICs given in CRI reports	# Sites of Companies reclassified	# Reports they filed	# Acres (owned by claimant)	Description
4000	Railroad facilities	consists almost entirely of 4011, 4013, 4111; 2491 added due to site history	26	199	4500	Sites utilized for storage of Railroad-related products, but principally fuel-related goods and tie-related creosote
4243	Trucking Companies	4231, 4225, an one 7532, two 7 (undefined) sites	9	190	75	Truck-related transportation sites, used for maintenance and repairs, cleaning and storage.
4426	Painting, Repair and Resurfacing of Boats	4400 series, one ODOT site	5	124	189	Watercraft maintenance and storage sites
4490	Shipping Ports	4491 and 4493	3	108	176	Shipping ports and related facilities
4500	Airports	4500 series	4	25	90	Airport facilities
4800	Communication Sites/Facilities	4813	2	21	10	Sites allocated for use by major communication companies
4911	Power Facilities	4911, 5063, several sites without this data	10	126	100	Local and regional power company facilities, including electric and non-electric power providers
4941	Contaminated Groundwater Sites	var SIC depending on land owner or renter	11	80	4500	Groundwater and Sloughs contaminated by spills, leaching and dumping (lands associated with land fill and waste management facilities not included)
4950	Landfills	4953 sites, on 4225	17	218	1000	Sites allocated for use a landfill, incinerator, or transfer station; one metals manufacturing site included due to selection of site for company waste
5010	Auto parts and metals salvage agents	5015, 5075, 5193	18	126	80	Sites devoted to recycling autoparts and other large metal sources

RECLASSIFICATION SCHEME FOR OREGON CRI SITES (CONTINUED)

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5170	Petrol product storage sites	Almost exclusively 5170, 5171 and 5172, with some 5541, 5812, and 4213	59	524	240	Sites used to store petroleum product for later redistribution
5500	Food Markets	5541, with 5411 and 4941	5	33	10	Corner food store facilities
7200	Dry Cleaning Facilities	almost exclusively 7216	22	109	12	Dry Cleaning facilities
7500	Autodealers	7500 series, some 5511 and 4449	9	120	140	Automobile dealers
8999	Miscellaneous Public Properties	various SICs, many uncategorized or assigned values <30	24	89	10000	Assorted sites ranging from park and recreation lands to spills sites and unallocated land
9700	Military Land	9621 and 9711, one 2421 (wood products site)	4	26	20126	Coast Guard, Air Force, Ranger Station, Umatilla Arms Depot
9999	Spill Sites	various, depending on company reporting	18	115	650	various sites ranging from pipelines and roadsides, to park locations, to business facilities.

TABLE 6-2

A COMPARISON BETWEEN CHEMICALS SPILLS AND GAS STATION REPORTS

GASOLINE STATIONS 5170 N=59

SPILLS 9999 N=18

SIC 5170, 5171, 5541

SIC 139, 4210, 4613, 4789, 7999,
8810, 9224, 9512, 7-no SIC data

CLASS	nReports	Pct	nTypes	Pct	Class	Nreports	Pct	Ntypes	Pct
Aromatic	176	33.27	4	7.69	Aromatic	30	26.09	5	9.62
PAH	147	27.79	19	36.54	PAH	30	26.09	14	26.92
Petrol	154	29.11	8	15.38	Petrol	19	16.52	6	11.54
Metal	13	2.46	2	3.85	Metal	18	15.65	11	21.15
Agritox	0	0.00	0	0.00	Agritox	6	5.22	4	7.69
Element	4	0.76	2	3.85	Element	2	1.74	2	3.85
Halogenic Aliphatic	7	1.32	5	9.62	Halogenic Aliphatic	3	2.61	3	5.77
Halogenic Aromatic	7	1.32	5	9.62	Halogenic Aromatic	2	1.74	2	3.85
Phthalate	1	0.19	1	1.92	Phthalate	2	1.74	2	3.85
Aliphatic	5	0.95	2	3.85	Aliphatic	1	0.87	1	1.92
PCB	2	0.38	2	3.85	PCB	0	0.00	0	0.00
Pyrene	13	2.46	2	3.85	Pyrene	1	0.87	1	1.92
Other	0	0.00	0	0.00	Other	1	0.87	1	1.92
529				52	115				52

FIGURE 6-4

CHEMICAL PROFILES FOR CRI SITES PRODUCED BY CHEMICAL INDUSTRIES.

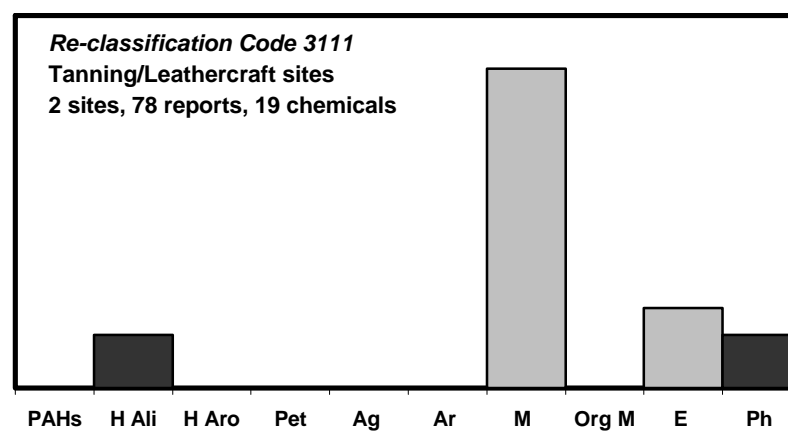
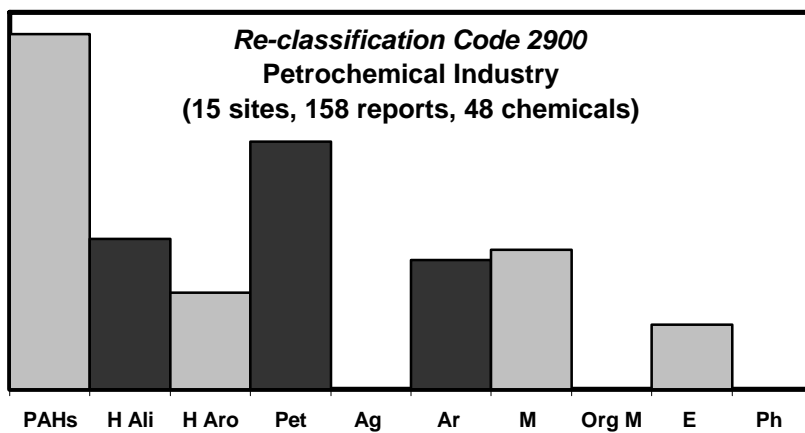
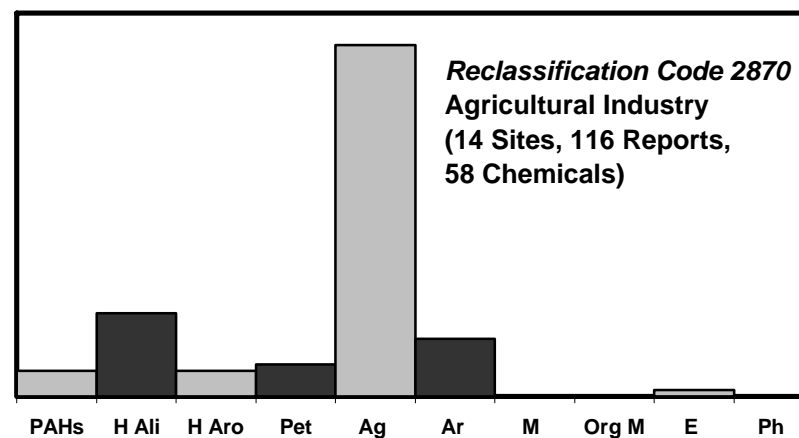
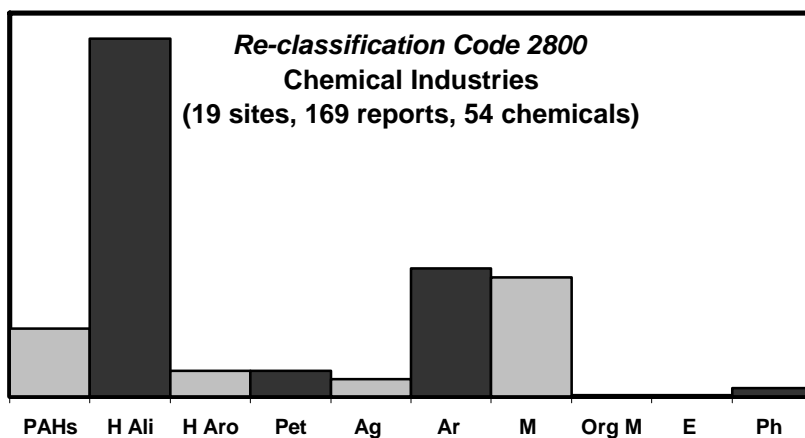
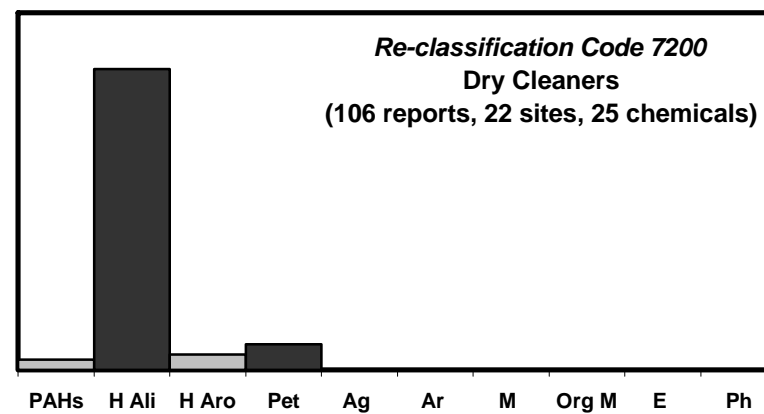
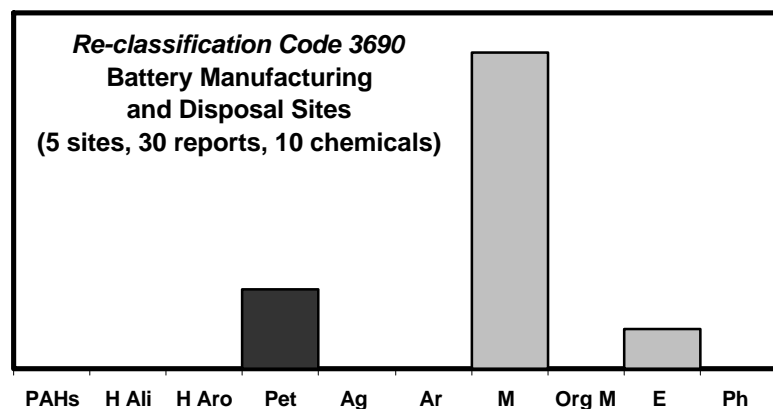
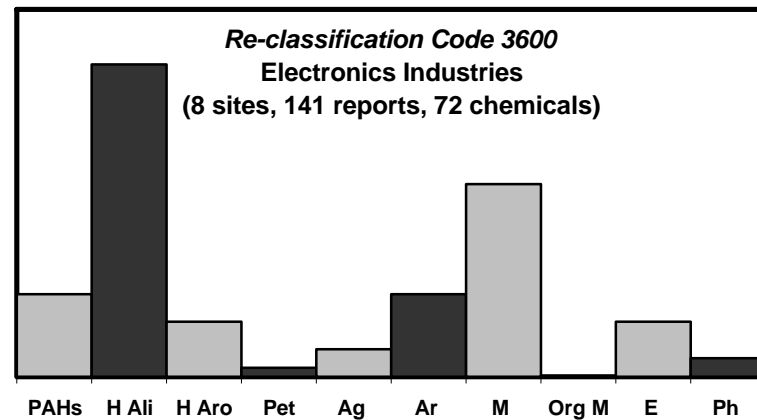
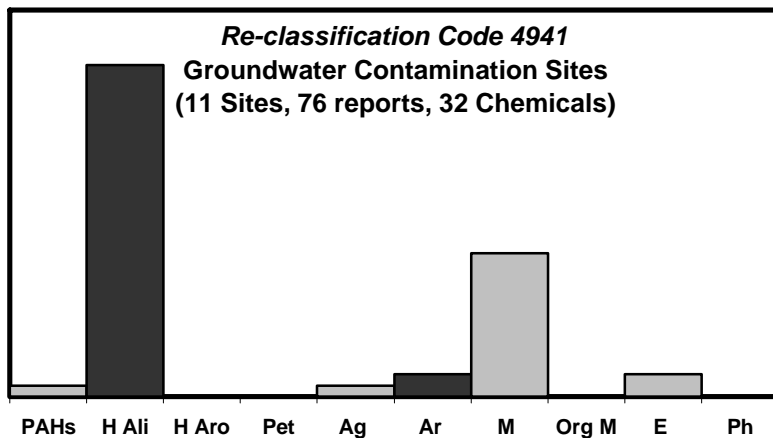


FIGURE 6-7

CHEMICAL PROFILES FOR HIGH PUBLICITY CRI SITES



CHEMICAL PROFILES FOR HIGH PUBLICITY CRI SITES (CONTINUED)

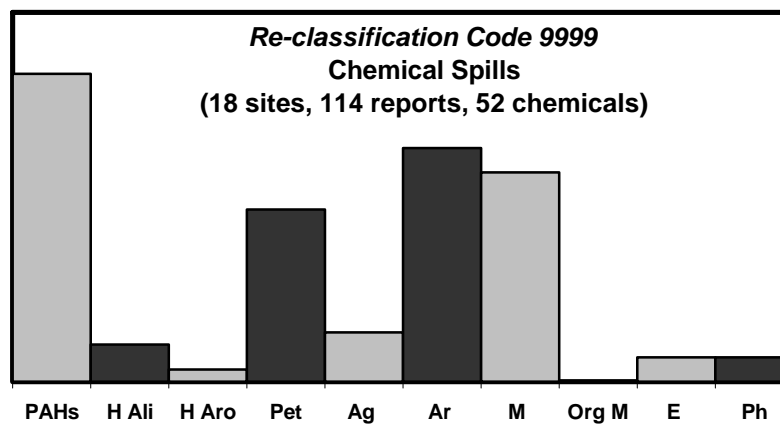
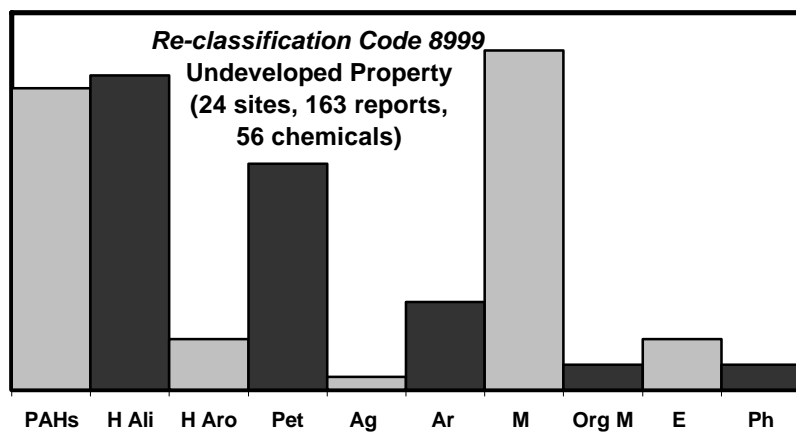
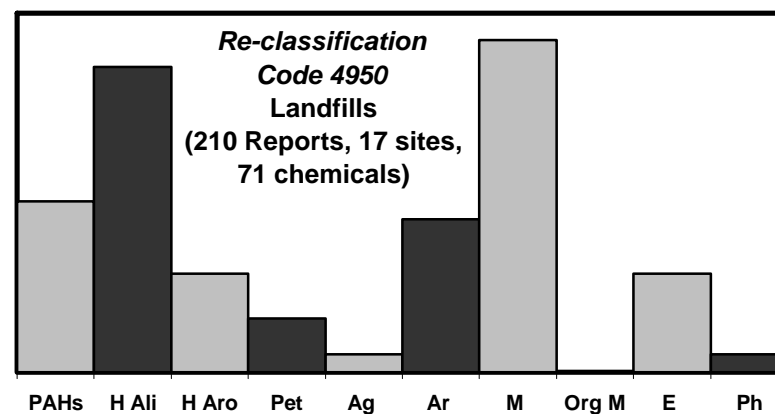
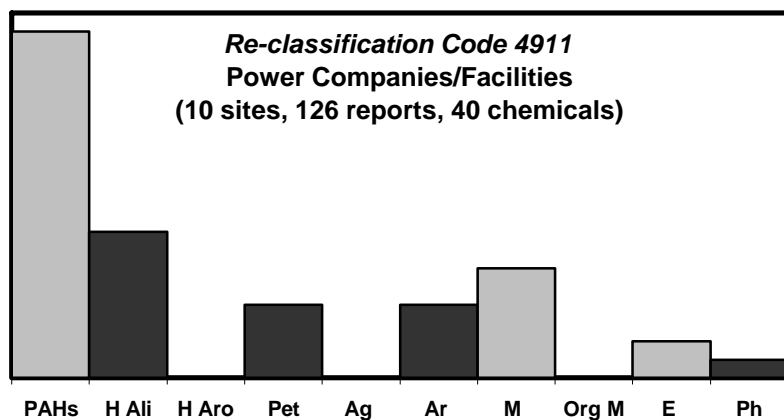


FIGURE 6-7

CHEMICAL PROFILES FOR HIGH PUBLICITY CRI SITES

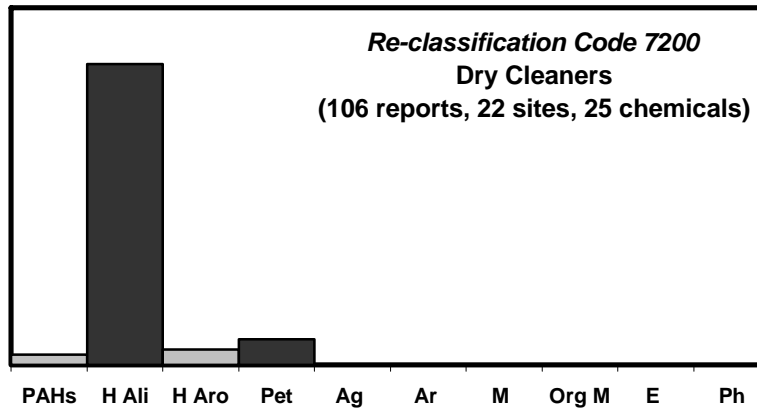
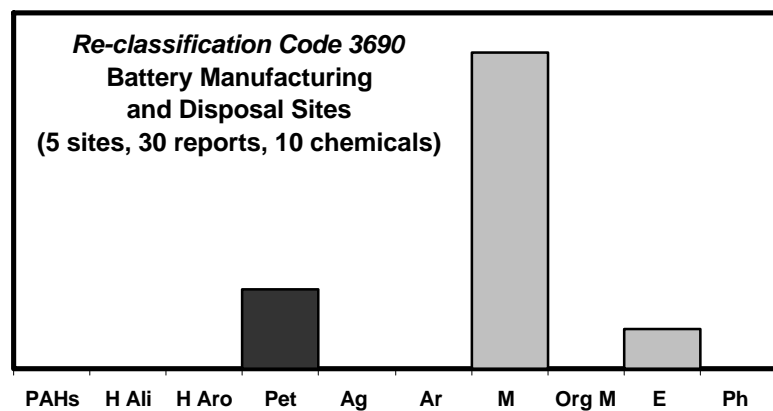
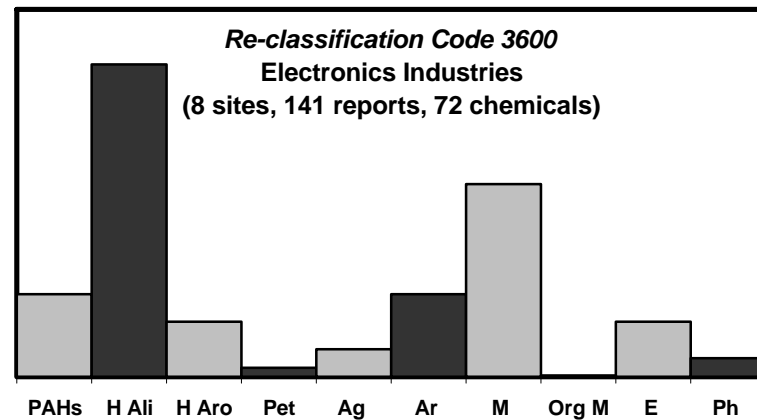
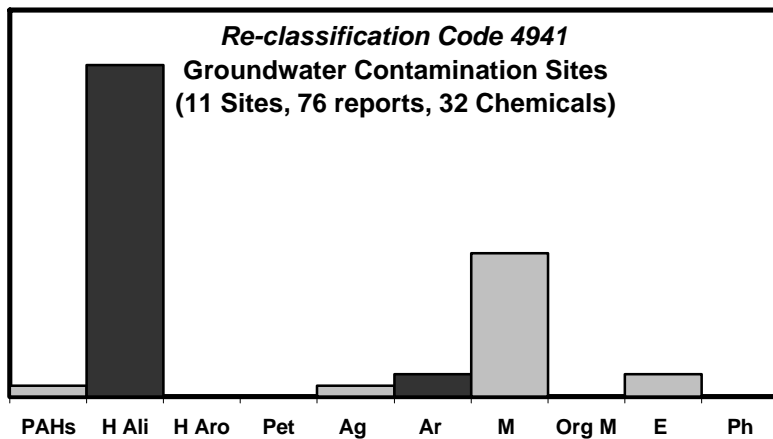


FIGURE 6-10

SICs for 216 Oregon CRI Sites with Age and Chronology Noted in Reports

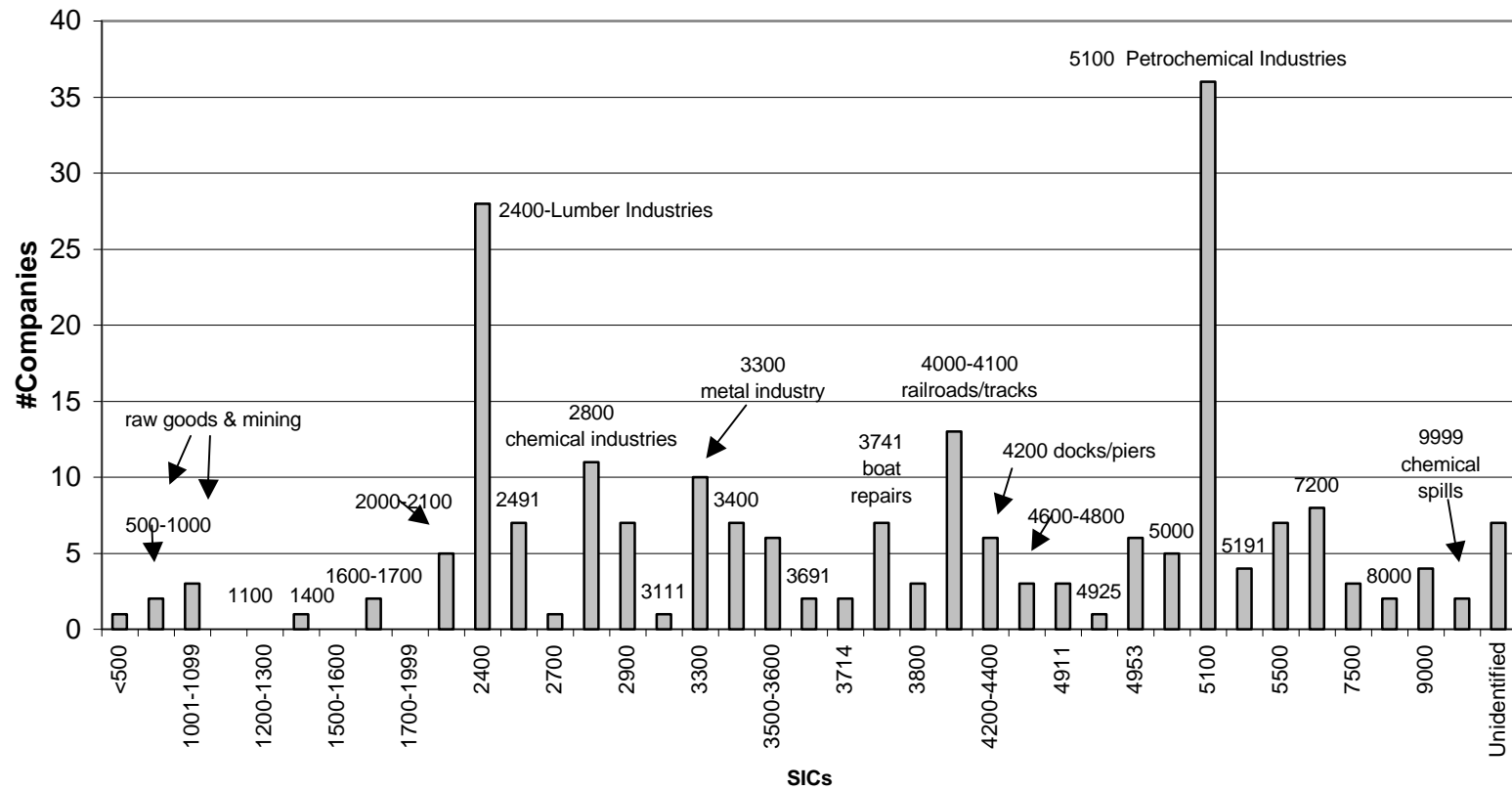


TABLE 6-10**THE OLDEST CRI SITES IN OREGON (Sites at least 75 Years of Age)**

Site Name	Site Location	City	Zip Code	County	Acreage	SIC	First Yr	Last Yr	Yrs Operating
Oregon State Penitentiary	2605 State ST	Salem	97310	Marion	306.3	9223	1866	2001	135
Coast Guard ANT Astoria	Tongue Point WAY	Astoria	97103	Clatsop	2	9621	1880	2001	121
UPRR - La Grande		La Grande	97850	Union		4013	1884	2001	117
GASCO	7900 NW St. Helens RD	Portland	97210	Multnomah	35	2819	1885	2001	116
US DA FS - Temperance Creek		Brockman Ranch	0	Wallowa		291	1875	1990	115
Unocal Terminal 0022 (Former) (also Bohemia Inc.)	256 Marine DR	Astoria	97103	Clatsop	1		1880	1985	105
UPRR - Crescent Lake		Crescent Lake	97425	Klamath		4011	1900	2001	101
UPRR - Ashland		Ashland	97520	Jackson	21	4111	1887	1987	100
US Army COE - Portland Moorings	8010 NW St. Helens RD	Portland	97210	Multnomah	13.4	3731	1902	2001	99
GATX St. Helens RD Facility	11400 NW St. Helens RD	Portland	97231	Multnomah	15.97	5171	1903	2001	98
Hoyt ST Railyard	NW Lovejoy ST	Portland	97209	Multnomah	27	4011	1910	2001	91
J.E.N. Hill	36841 Jasper-Lowell RD	Jasper	97438	Lane	95	2421	1911	2001	90
Triangle Park - North Portland Yard	5828 N Van Houten PL	Portland	97203	Multnomah	51.6	1611	1900	1984	84

Site Name	Site Location	City	Zip Code	County	Acreage	SIC	First Yr	Last Yr	Yrs Operating
UPRR - Eugene Yards	341 Bethel DR	Eugene	97402	Lane	400	4013	1918	2001	83
Tosco Bulk Plant 0415	1700 Lafayette AVE	McMinnville	97128	Yamhill	5.5	5171	1918	2001	83
Tosco Bulk Plant No. 0666	1555 NE Silverton RD	Salem	97303	Marion	0.5		1918	2001	83
Zidell Waterfront Property	3121 SW Moody AVE	Portland	97201	Multnomah	32.2	3312	1919	2001	82
Port of St. Helens Creosote	1550 Railroad AVE	St. Helens	97051	Columbia	43	2491	1919	2001	82
UPRR - Albina Yard	2745 N Interstate AVE	Portland	97227	Multnomah	215.8	4013	1920	2001	81
Schnitzer - Moody AVE Units A, B & C	SW Moody AVE	Portland	97201	Multnomah	19.4	3325	1920	2001	81
Peninsula Terminal RR	11707 N Force AVE	Portland	97217	Multnomah	5	4013	1920	2001	81
McGill Nursery	22315 NE Glisan ST	Gresham	97030	Multnomah	325		1920	2001	81
US Highway 101 - Hadley Road	N Main ST	Tillamook	97141	Tillamook	0.02	4789	1920	2001	81
Granite Creek Areawide Mining Sites		Granite	0	Grant	150sqmiles	1021	1860	1940	80
Division of State Lands-Finger Piers N of Pier 2		Astoria	97103	Clatsop	30	4491	1921	2001	80
ODOT - East Salem Complex	2800 State ST	Salem	97310	Marion	20		1921	2001	80
Clough Oil Co.	977 Spring ST	Klamath Falls	97601	Klamath	0.6	5171	1922	2001	79

Site Name	Site Location	City	Zip Code	County	Acreage	SIC	First Yr	Last Yr	Yrs Operating
76 Branded Bulk Plant - Baker City	3340 17th ST	Baker City	97814	Baker		5171	1922	2001	79
Port of Portland - Terminal 4	11040 N Lombard ST	Portland	97203	Multnomah	145.7	4491	1924	2001	77
Astoria Marine Construction Co.	403 SW Front ST	Astoria	97103	Clatsop	5.2	3731	1924	2001	77
Unocal Bulk Plant #0782	2802 5th ST	Tillamook	97141	Tillamook	0.8	5171	1925	2001	76
Tommie's Cleaners	1111 4th ST	Tillamook	97141	Tillamook	0.3	7216	1925	2001	76
Tosco Bulk Plant #0044	303 SE Scott ST	Bend	97701	Deschutes		5171	1925	2001	76
UPRR - The Dalles	Tie Plant RD	The Dalles	97058	Wasco	83	2491	1926	2001	75
Texaco Portland Terminal	3800 NW St. Helens RD	Portland	97210	Multnomah	18.8	5171	1926	2001	75
Texaco Product Pipeline	4500 NW Front AVE	Portland	97210	Multnomah	0.35	4613	1926	2001	75

CHEMICAL PROFILES FOR HIGH PUBLICITY CRI SITES (CONTINUED)

