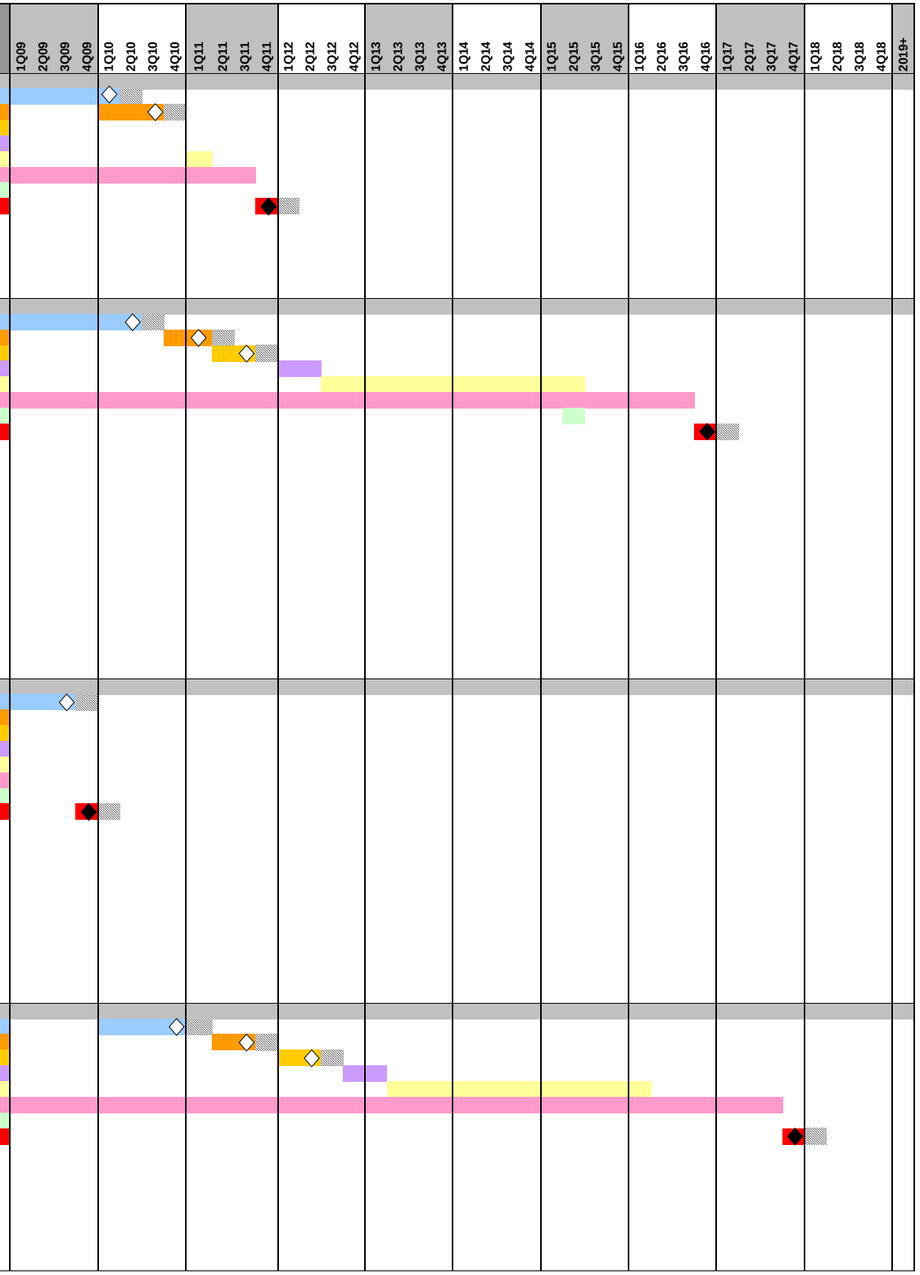
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
93995078	30116	NW2045	8530 Evergreen Way	Everett	Snohomish	Delta	4Q 2011		
								Current site Status - retail strip mall with parking *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - release reported to Ecology 1995 *Extent of soil contamination* - gas/btex in soil beneath the site *Extent of groundwater contamination* - VW-23 was located and is above cleanup levels *Other Media Impacted* - none *Cleanup (interim) actions to date* - excavation was conducted, and USTs removed. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
96995029	97719941	NW2021	17914 (17924) Highway 9	Snohomish	King	CRA	4Q 2016		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered beneath the fuel dispensing equipment from 1996 through 1998 during site assessment activities. *Extent of soil contamination* - The extent soil contamination has been defined beneath the site. *Extent of groundwater contamination* - The lateral extent of groundwater contamination may extend downgradient of the property. *Other Media Impacted* - A soil vapor investigation was conducted at the site in 2007, no constituents were detected above MTCA cleanup levels. *Cleanup (interim) actions to date* - In 1998 the previous USTs and approximately 160 cubic yards of contaminated soil was removed and treated off-site, and approximately 550 pounds of ORC was injected beneath the site. From 2004 to 2005 a SVE system operated and removed approximately 140 pounds of volatile hydrocarbons from beneath the site. *Data gaps* - Lateral extent of petroleum impacted groundwater south (downgradient) of the property.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97450158	79631686	NW2020	17255 N Aurora Ave	Seattle	King	CRA	4Q 2009		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered beneath the northwestern, and center fuel dispensers and product line trenches in 1993 during Stage II upgrade activities. *Extent of soil contamination* - The vertical extent of shallow soil contamination has not been defined beneath the western and center dispenser islands *Extent of groundwater contamination* - Groundwater has not been encountered to a maximum depth of 34.5 feet bgs. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 2003, three USTs and associated product piping were removed from the site and a remedial excavation of approximately 896 CY of impacted was conducted *Data gaps* - Vertical extent of petroleum impacted soil beneath the western and center dispenser island.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995034	6326863	NW2022	19930 44th Ave W	Lynnwood	Snohomish	CRA	4Q 2017		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Soil and groundwater contamination discovered during site investigation in 1987 *Extent of soil contamination* - Soil onsite below MTCA *Extent of groundwater contamination* - Onsite south and east, extends to the southern ROW *Other Media Impacted* - None known *Cleanup (interim) actions to date* - Soil excavation (1154 cy) during UST removal in 1993, SVE and groundwater recovery treatment systems operated from May 1994 to October 1995, continuous groundwater monitoring from 2001 to present *Data gaps* - Extent of impacted groundwater to the southeast	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



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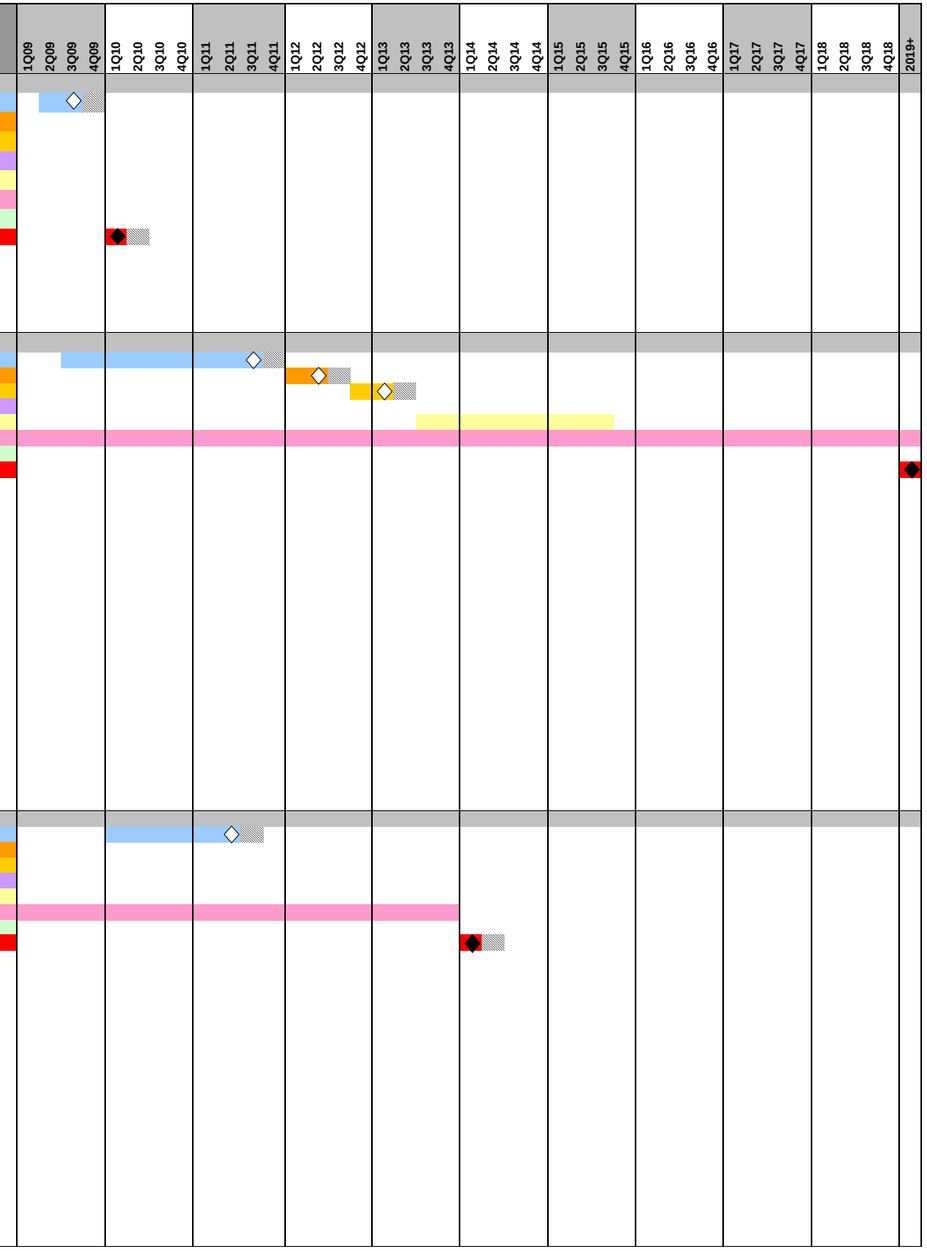
Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
97088279	26173437	NW2048	803 NW Market	Seattle	King	Delta	1Q 2010		
								Current site Status - Commercial building *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - impacts discovered during UST removals in 1987 *Extent of soil contamination* - The vertical extent of shallow soil contamination has not been defined. *Extent of groundwater contamination* - Groundwater is below cleanup levels *Other Media Impacted* - none *Cleanup (interim) actions to date* - remedial excavation was conducted in 1987. *Data gaps* -Extent of soil contamination not fully defined on site.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97089907	4465692	NW2023	118 NE 45th Street	Seattle	King	CRA	2019+		
								Current site status - Hollywood Video *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered beneath the gasoline tank complex, pump islands, waste oil tank, and along the southern property boundary during UST removal activities in 1991. *Extent of soil contamination* - Impact may extend to an inaccessible area in the northwest corner of the property. *Extent of groundwater contamination* - Groundwater monitoring at the site was last conducted in December 1997. Groundwater samples collected in 1997 downgradient of the property contained TPHg and benzene concentrations above MTCA cleanup levels. No wells remain on-property. *Other Media Impacted* - Petroleum hydrocarbon odors were detected in off property building basement in 1997. Assessment activities concluded the presence of hydrocarbon vapors. Issue mitigated by repairing plumbing in basement. *Cleanup (interim) actions to date* - In 1991 five USTs and associated product piping were removed from the site and a remedial excavation of approximately 5,000 CY of impacted soil was conducted. In 1992, approximately 450 cubic yards of impacted soil was removed following the station building demolition. *Data gaps* - Extent of petroleum impacted soil in the northwest corner of the property, and extent of petroleum impacted groundwater downgradient of property.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
92995079	71317148	NW2024	2424 Beacon Ave S	Seattle	King	CRA	1Q 2014		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was discovered under the previous generation of USTs on the southwest side of the property during UST removals in 1992. *Extent of soil contamination* - The lateral extent of soil impact extends beneath the west sidewall of the waste oil tank excavation, adjacent to the public sidewalk along Beacon Ave, and north of vapor recovery well V-1. *Extent of groundwater contamination* - Extent of groundwater impact historically defined by MW-16 located downgradient in ROW. Need to locate MW-16 (paved over). *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1992, ten USTs were removed from the property and a remedial excavation of 1,735 CY followed. A groundwater recovery and treatment system operated from 1992 through 1994 recovering and treating approximately 329,260 gallons of impacted groundwater. A SVE system operated from 1992 through 1994 and approximately 8,189 pounds of volatile petroleum hydrocarbons were removed. *Data gaps* - Lateral extent of petroleum impacted soil beneath the sidewalk along Beacon Ave, and north of V-1. Need to locate MW-16 in public ROW.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



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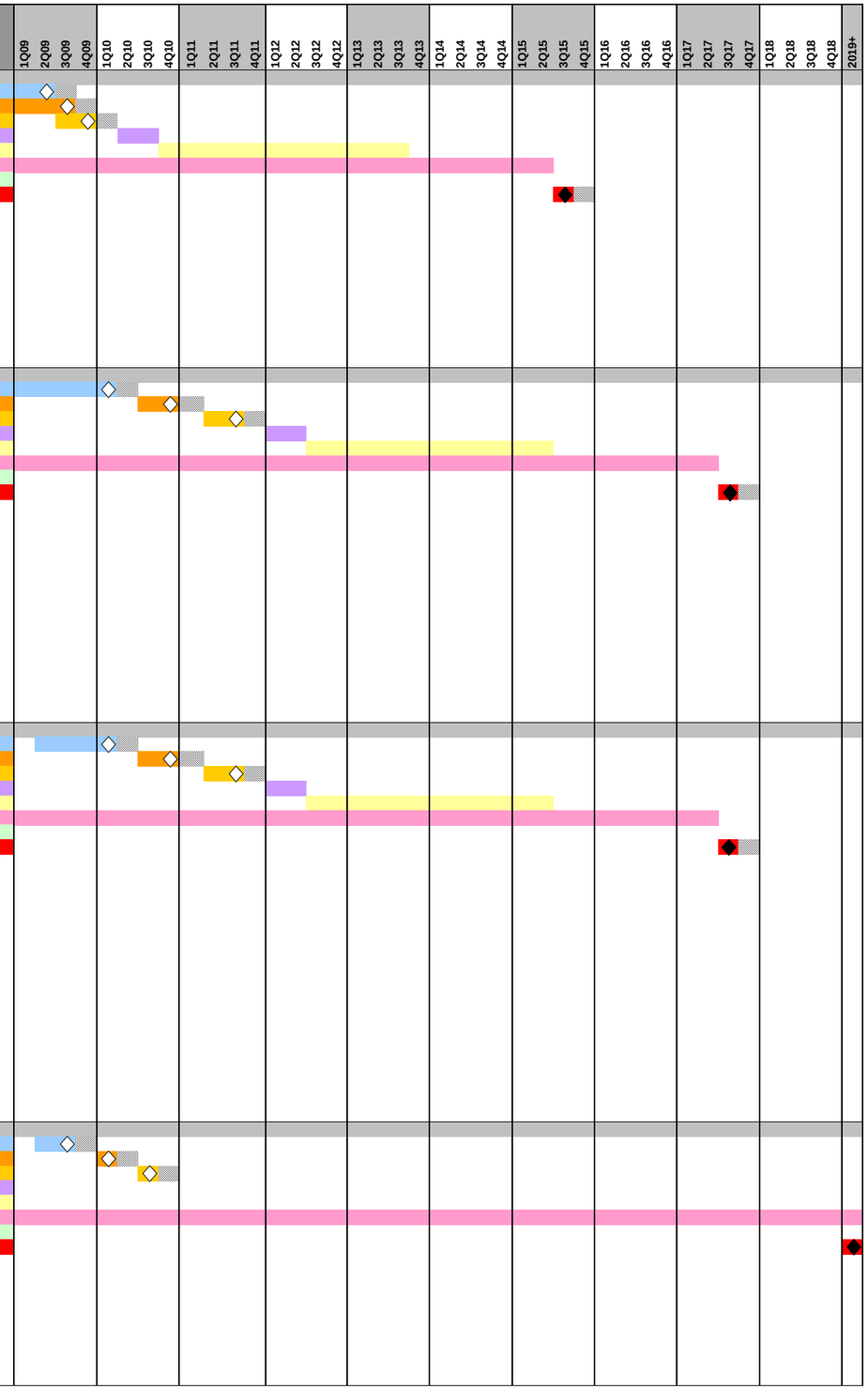
Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
97995822	8651721	NW2075	6532 NE Bothell Way	Kenmore	King	CRA	3Q 2015	*Current site status* - Vacant parcel *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - 1990, soil north of the former northern pump island *Extent of soil contamination* - Defined with the exception of northwest portion of site. *Extent of groundwater contamination* - Southwest corner of site, may extend to the southern ROW and western property *Other Media Impacted* - None known *Cleanup (interim) actions to date* - Soil excavations 1992, 4 cy from northern dispenser area and 1994, 25 cy from drive slabs, dispensers, and product lines) area. SVE and air sparge from Dec 1994 to March 1996, 1,722 pounds of volatile hydrocarbons. In 2007, UST system removed. *Data gaps* - Soil impact may extend to northwest portion of site. Groundwater may extend to the southern ROW and western property.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
92995092	33913433	NW2025	1221 Ave D	Snohomish	Snohomish	CRA	3Q 2017	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - 1979, line leak (product type unknown), 1990, diesel release *Extent of soil contamination* - Soil remains east side of station building under foundation (15 ft bgs), northwest corner of former UST excavation (17 ft bgs) *Extent of groundwater contamination* - Groundwater defined in central portion of the property. Impact may extend southwest of MW-20 and MW-25 into ROW of Avenue D. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - With 1992 former UST system removal 1450 cy impacted soil excavation and 1000 cy impacted soil aerated to below MTCA and used as backfill for current UST system, November 1992 to June 1994 SVE system removed 4,567 pounds of volatile hydrocarbons, February 1993 to August 1994 groundwater recovery and treatment system, 1999 waste oil UST (east of station building) was decommissioned (no soil/groundwater impacts noted) *Data gaps* - Groundwater impact may extend into ROW of Avenue D.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995628	80616298	NW2026	3100 E Madison St	Seattle	King	CRA	3Q 2017	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered adjacent to the current eastern dispenser island during site assessment activities in 1991. Additionally during a diesel UST removal, contaminated soil was discovered beneath former diesel dispenser island in 2006. *Extent of soil contamination* - The vertical extent of impacted soil has not been defined in the area between the current dispensers and the station building's southwestern corner. *Extent of groundwater contamination* - The lateral extent of groundwater was historically defined by well MW-12 (downgradient), but has been paved over or abandoned. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1992 a groundwater recovery and treatment system and a SVE system was installed on-site. The groundwater recovery and treatment system recovered and treated approximately 396,050 gallons of groundwater through 1995. The SVE system removed approximately 1,550 pounds of volatile hydrocarbons from beneath the site through 1995. *Data gaps* - Vertical extent of petroleum impacted soil beneath the current dispensers and the station building. Need to locate MW-12.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
92995080	13589449	NW2034	201 128th SW	Everett	Snohomish	Delta	2019+	*Current site Status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered in 1988 during UST replacement activities, and in 1992 during tank testing activities. *Extent of soil contamination* - soil contamination is present in the vicinity of the UST complex. *Extent of groundwater contamination* - Groundwater impacts are present in the vicinity of the UST complex *Other Media Impacted* - none *Cleanup (interim) actions to date* - In 1993, remedial measures were conducted. Iso-GEN conducted by RETEC from 12/02 to 07/03. *Data gaps* -Extent of groundwater contamination downgradient (offsite) of the UST complex) remains to be determined.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



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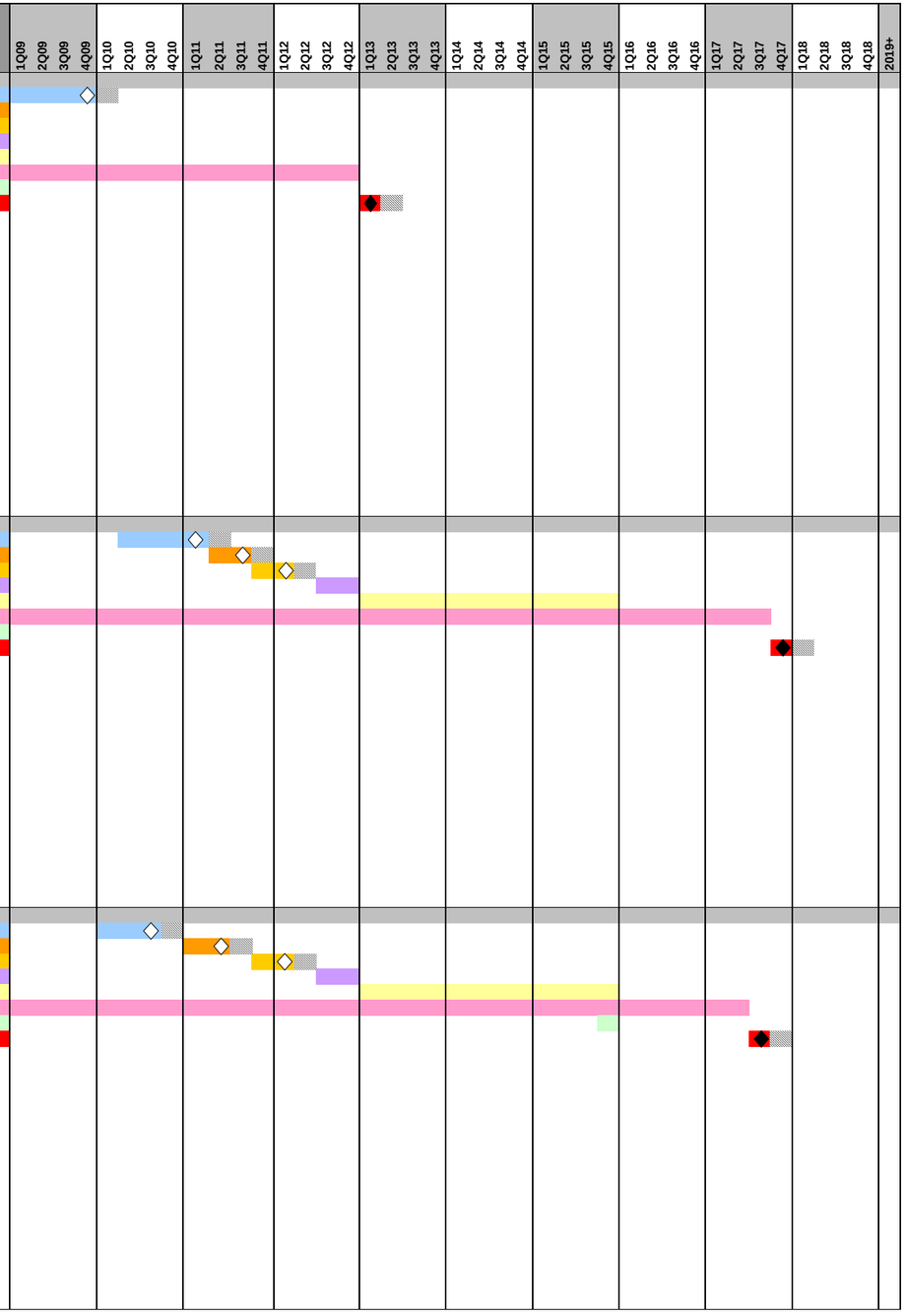
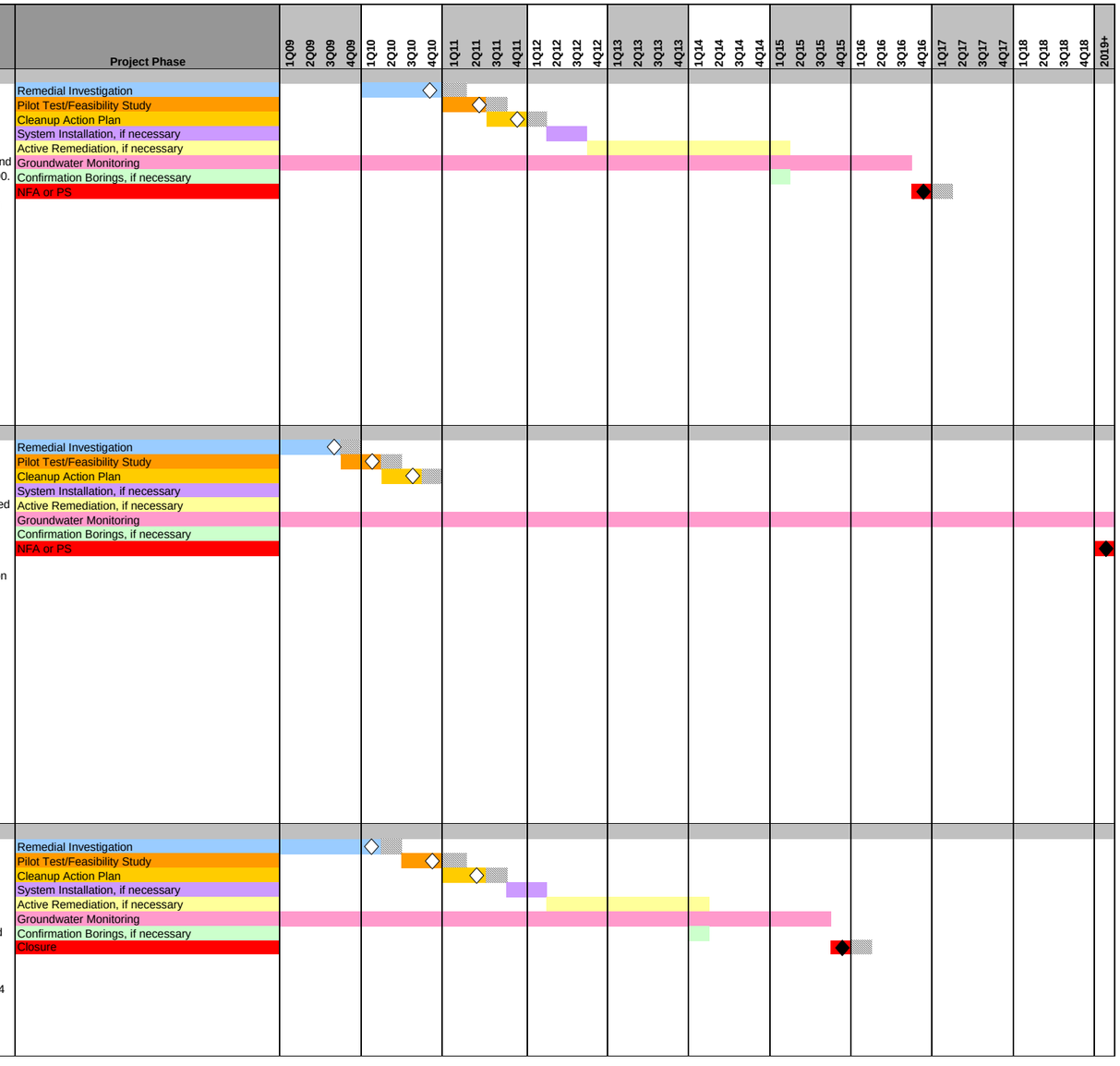
Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
97995824	66303785	NW2027	2501 NE 75th St	Seattle	King	CRA	1Q 2013		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Impacted soil was discovered near the former USTs and beneath the current dispenser islands during assessment activities in 1990. *Extent of soil contamination* - Impact extends to areas that were inaccessible due to property constraints (public sidewalk) adjacent to the northern and western property boundary. *Extent of groundwater contamination* - On-property wells have been below MTCA Method A cleanup levels for at least three consecutive quarters. One off-property and downgradient well (MW-14) in ROW contains benzene slightly above MTCA Method A cleanup levels. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1992 six USTs, associated piping, and dispenser islands were excavated from the western portion of the property. Following the UST removals a new tank complex was excavated on the north side of the property. A total of approximately 1,800 cubic yards of contaminated soil was removed from the site. A groundwater recovery and treatment system operated at the site from 1992 to 1993 and recovered and treated approximately 770,267 gallons of impacted groundwater. A SVE system operated at the site from 1992 to 1993 and removed approximately 197.8 pounds of volatile hydrocarbons. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995601	98648877	NW2028	700 12th Ave E	Seattle	King	CRA	4Q 2017		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered adjacent to the dispenser islands and near the USTs during a site characterization in 1990. *Extent of soil contamination* - Impact may extend beneath the southern, eastern property boundaries, beneath the western property under the public sidewalk, and beneath the station building. *Extent of groundwater contamination* - Defined near the western property boundary. *Other media impacted* - None known *Cleanup (Interim) actions to date* - In 1991 ten USTs were removed and 4,000 cubic yards of petroleum impacted soil was removed. A groundwater recovery and vapor extraction treatment system operated at the site from 1992 to 1993 removing and treating approximately 146,459 gallons of groundwater, and removing approximately 848 pounds of volatile hydrocarbons from beneath the site. *Data gaps* - Extent of petroleum impacted soil beneath the property boundary and station building.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
92995078	51994197	NW2029	1013 NE 45th St	Seattle	King	CRA	3Q 2017		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered on the east and west sides of the USTs, and the north side of the dispenser islands during site characterization activities from 1990 through 1991. *Extent of soil contamination* - Minimal impact may extend into 11th Avenue East. *Extent of groundwater contamination* - Off-site downgradient wells indicate clean groundwater. Three onsite wells currently have MTCA Method A cleanup level exceedances, the highest impacted area in groundwater remains in the southeastern section of the site. *Other media impacted* - None known *Cleanup (Interim) actions to date* - In 1992 during a product line replacement and station remodel, approximately 2,270 cubic yards of contaminated soil from beneath the station building, dispenser islands, and the former gasoline tank basin were excavated and removed. A SVE system operated at the site from 1992 to 1996 removing approximately 8,733 pounds of volatile hydrocarbons from beneath the site. *Data gaps* - Extent of petroleum impacted groundwater in the southeastern corner of the site.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



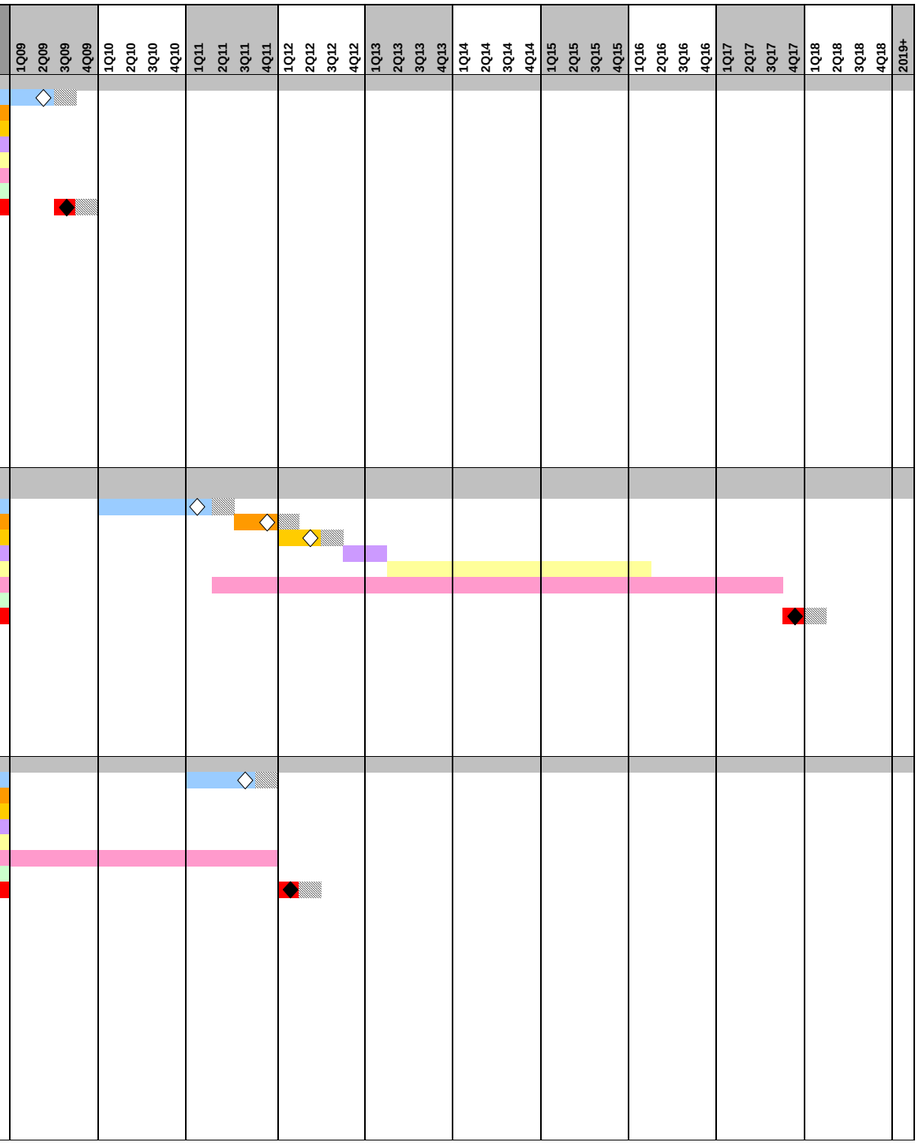
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary
92995074	59579759	NW2030	511 S Dearborn	Seattle	King	CRA	4Q 2016	
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered to the northwest of the eastern dispenser island, to the northwest, northeast, and southeast of the former USTs during site assessment activities from 1990. *Extent of soil contamination* - Extent not defined . *Extent of groundwater contamination* - Many of the site wells have been abandoned. Extent of impact may extend off-property to the southwest. *Other media impacted* - None known *Cleanup (Interim) actions to date* - In 1992 seven USTs, two dispenser islands, and associated piping were removed and a remedial excavation of 880 cubic yards was conducted. A groundwater recovery and treatment system operated at the site from 1992 to 1995 recovering and treating approximately 490,463 gallons of groundwater. A SVE system operated at the site from 1992 to 1995 removing approximately 3,536 pounds of volatile hydrocarbons from beneath the site. *Data gaps* - Extent of petroleum impacted soil and groundwater near the southwest corner of site.
94995056	94485958	NW2037	4605 Fremont	Seattle	King	Delta	2019+	
								Current site status - active retail fueling and service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Impacted soil and groundwater was first discovered during site assessments performed between 1990 and 1992. *Extent of soil contamination* - soil impact remains in place above MTCA Method A clean up levels in the vicinity of the pump islands, both the former and current UST areas and near the waste oil UST. *Extent of groundwater contamination* - impacted groundwater remains on site across the site. *Other Media Impacted* - none *Cleanup (interim) actions to date* - Active free product recovery was conducted between September 1990 and April 1992. In November 1991, a soil vapor extraction (SVE) system was installed to remediate shallow soil using 14 vapor extraction and/or monitoring wells. In March 1993, a groundwater recovery/treatment system was activated consisting of ten recovery wells (two shallow zone wells, seven intermediate zone wells, and one deep zone well). During removal of the hydraulic lift, 8.52 tons of surrounding impacted soil was excavated and transported offsite for thermal treatment. In 1996, vacuum-induced sparging tubes were installed in MW-2 and MW-5 to enhance volatilization of free product in wells. *Data gaps* - Extent of groundwater and soil impacts have been defined.
94995051	8894437	NW2031	3315 172nd St NE	Arlington	Snohomish	CRA	4Q 2015	
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - First record shows 1991 during semiannual groundwater monitoring activities *Extent of soil contamination* - Vertical extent of impacted soil not defined beneath dispenser canopy footings and near MW-6. *Extent of groundwater contamination* - Not defined southwest of MW-6. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - UST system upgrade in 1986, in 1994 62 cy soil were excavated from piping trenches near dispensers during Stage II retrofit (focused at south pump island) *Data gaps* - Extent of groundwater southwest of MW-6



Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
93995635	13539617	NW2032	31660 Pacific Hwy	Federal Way	King	CRA	3Q 2009		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered adjacent to the western dispenser island, and in the area of the previous used heating oil USTs on the southern edge of the station building during a site characterization in 1990. *Extent of Soil contamination* - Defined in vicinity of southwestern dispenser island *Extent of groundwater contamination* - All site wells have been below MTCA Method A cleanup levels for four or more consecutive quarters. *Other media impacted* - None known *Cleanup (Interim) actions to date* - Approximately 700 cubic yards of contaminated soil was removed from the site following the removal of three gasoline USTs and one used oil tank and one heating oil tank in October 1993. A groundwater recovery and treatment system, and a SVE system operated concurrently from May 1993 through October 1993 and recovered and treated approximately 291,00 gallons of groundwater, and removed approximately 240 pounds of volatile hydrocarbons from the soil beneath the site. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97097205	84247415	NW2095	12666 Des Moines Memorial Drive (1718 S 128th St)	Seattle	King	CRA	4Q 2017		
								Current site status - Vacant lot *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered beneath the former USTs, during their removal in 1988. *Extent of soil contamination* - The vertical and horizontal extent of soil contamination is likely confined to the property boundaries. *Extent of groundwater contamination* - Unknown *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In July 1988, six USTs were removed and impacted soil was removed. The amount of soil is unspecified. In 1991, a soil venting system operated at the site for nine weeks, the results were not specified. *Data gaps* - Extent of petroleum impacted groundwater.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97995823	11354986	NW2062	6200 Corson Ave S	Seattle	King	CRA	1Q 2012		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered in the area of the former western most gasoline UST during its removal in 1991. *Extent of soil contamination* - Defined on property. *Extent of groundwater contamination* - Defined on property. Slight exceedances in two onsite wells near dispenser islands. *Other media impacted* - Petroleum hydrocarbon odors were detected at a residential property bordering the site to the south. Mitigated upon repair of sewer line by City of Seattle. *Cleanup (Interim) actions to date* - Approximately 857 cubic yards of impacted soil was removed from the site following the removal of the former USTs and installation of the new USTs. A groundwater recovery and treatment system operated at the site from 1992 through 1995 extracting and treating approximately 10,881,000 gallons of groundwater. A soil venting system operated at the site from 1992 through 1993 removing approximately 4,050 pounds of volatile hydrocarbons. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



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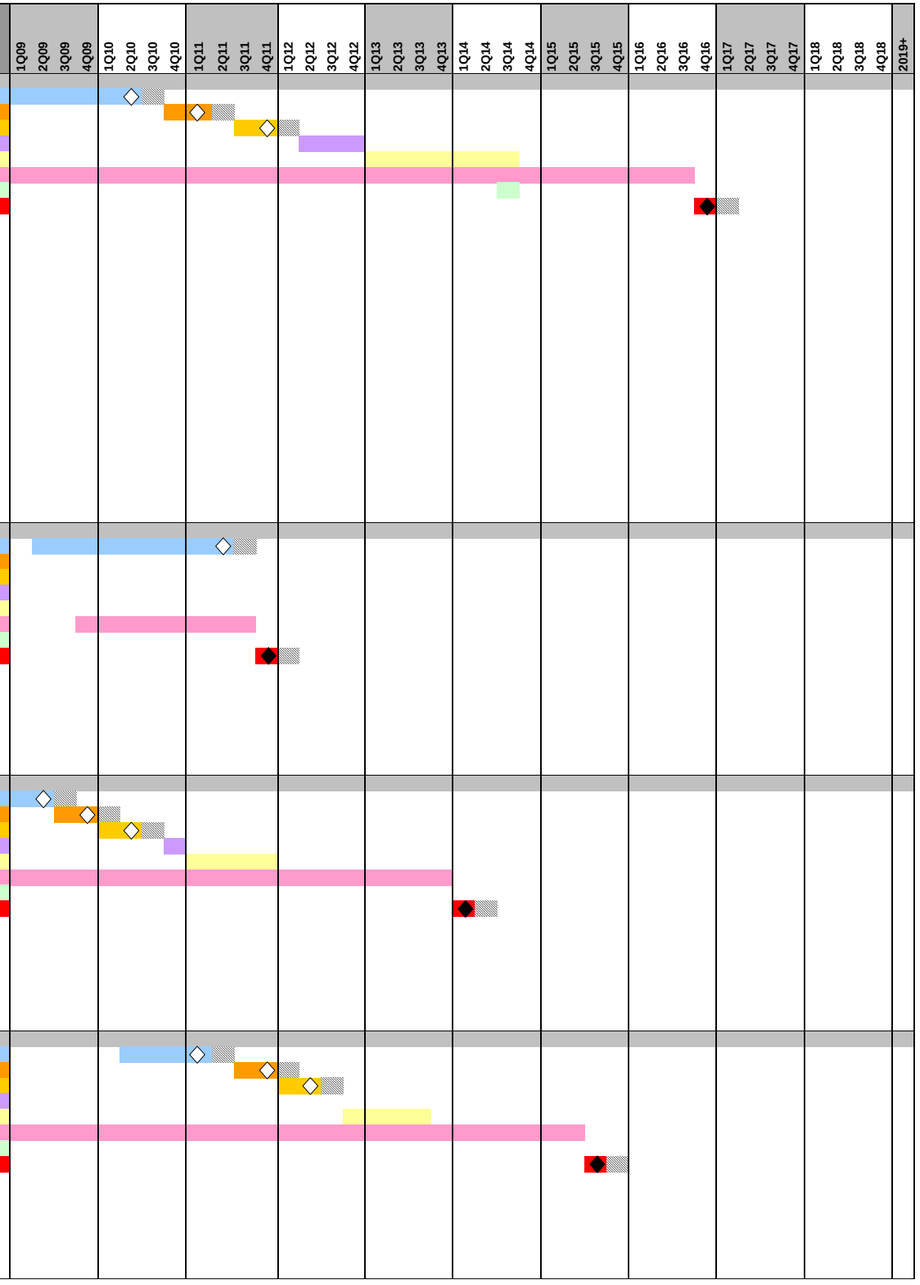
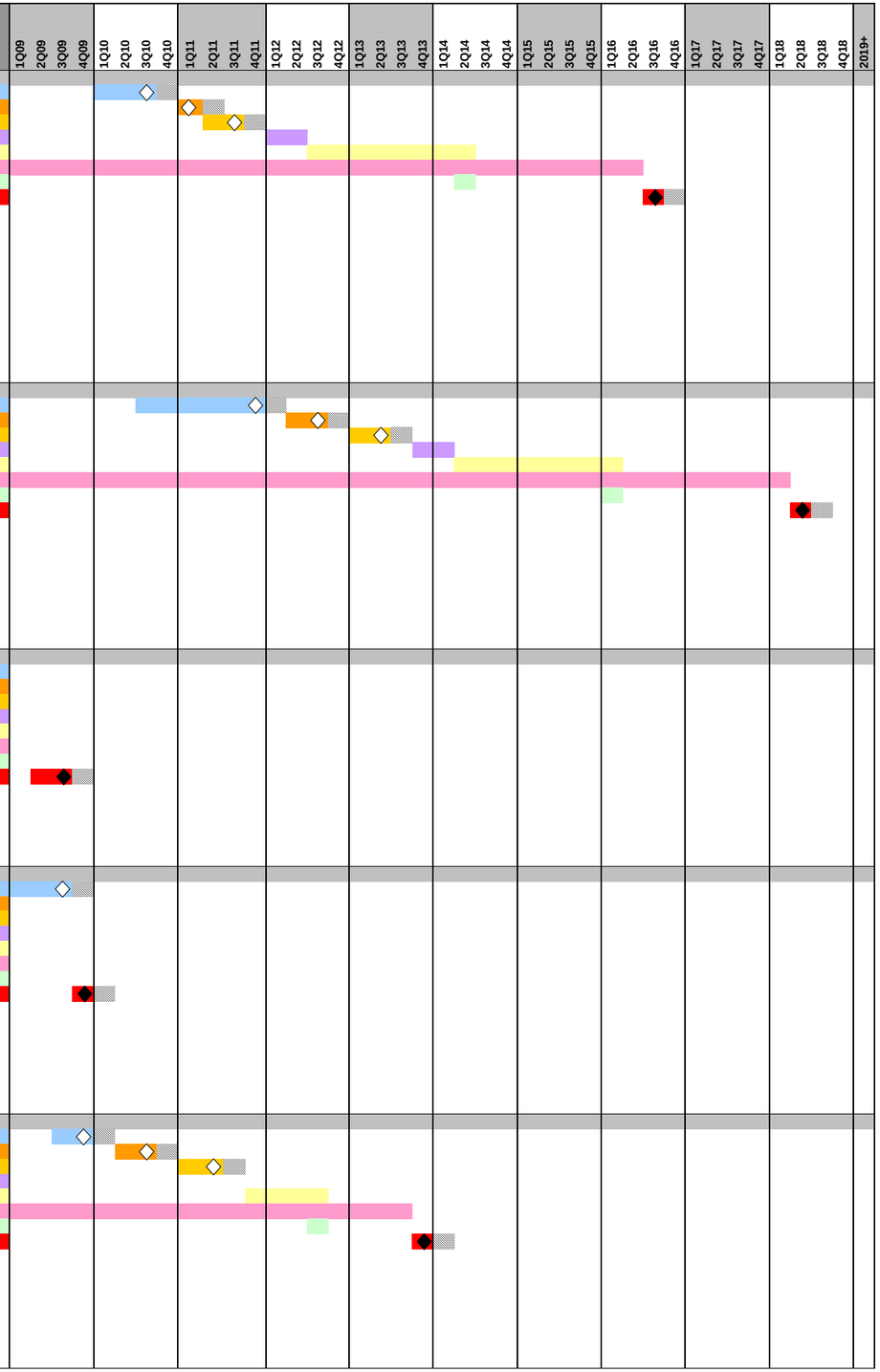
Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
95995055	69836768	NW2099	9200 35th Ave SW	Seattle	King	CRA	4Q 2016		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered near the product lines and the former USTs during site assessment activities in 1990. *Extent of soil contamination* - The extent of petroleum impact to soil may extend underneath the station building near the former heating oil and waste oil UST. *Extent of groundwater contamination* - Defined, impacted groundwater present in adjacent to the north side public ROW *Other media impacted* - None known *Cleanup (Interim) actions to date* - In 1991 500 cubic yards of impacted soil was excavated and removed from underneath the former USTs, 150 cubic yards was excavated and removed from the new UST pit, 1,500 cubic yards was excavated and removed from the dispenser islands, and 50 cubic yards was excavated and removed from the former dispenser island. In 1992, a groundwater extraction system recovered and treated approximately 43,130 gallons of groundwater. In 1993 a SVE system operated at the site removing approximately 43 pounds of volatile hydrocarbons from beneath the site. A groundwater recovery trench and ORC injection was conducted at the site in 2001. *Data gaps* - Extent of petroleum impacted soil underneath the station building.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
TBD	65336568	NW2080	510 Bellevue Way NE	Bellevue	King	CRA	4Q 2011		
								Current site status - Bellevue Art Museum *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - None known *Release discoveries* - Unknown date/occurrence *Extent of soil contamination* - On-site: B-3-12.5 (NW corner of building), former 500-gallon UST (S and W walls), most likely excavated during redevelopment activities *Extent of groundwater contamination* - On-site: MW-1 (NW corner), MW-B4 (former pumps), MW-B2 (SE corner) *Other Media Impacted* - None known *Cleanup (interim) actions to date* - 1997 soil investigation and groundwater monitoring well installation *Data gaps* - Soil excavation volume/extent unknown from Bellevue Art Museum construction that includes underground garage	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
92995059	20948179	NW2061	106 148th Ave SE	Bellevue	King	CRA	1Q 2014		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - 1988 from former UST system *Extent of soil contamination* - Defined, northwest corner of station building including canopy footings, beneath dispensers, and below building foundation *Extent of groundwater contamination* - Defined, on-property at the southwest portion of the site (HC-1) *Other Media Impacted* - None known *Cleanup (interim) actions to date* - Soil excavation during 1992 former UST system removal *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
94995018	18977197	NW2063	23419 Pacific Highway South	Des Moines	King	CRA	3Q 2015		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - 1990 from UST system *Extent of soil contamination* - Defined, southeast of current UST pit *Extent of groundwater contamination* - Defined, southeast of the current UST pit (MW-1) *Other Media Impacted* - None known *Cleanup (interim) actions to date* - SVE and groundwater treatment from October 1994 to January 1996 removing 74.5 pounds of volatile hydrocarbons, in 1998 ORC was placed in eight boring locations across the site (SB-1 to SB-8) *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



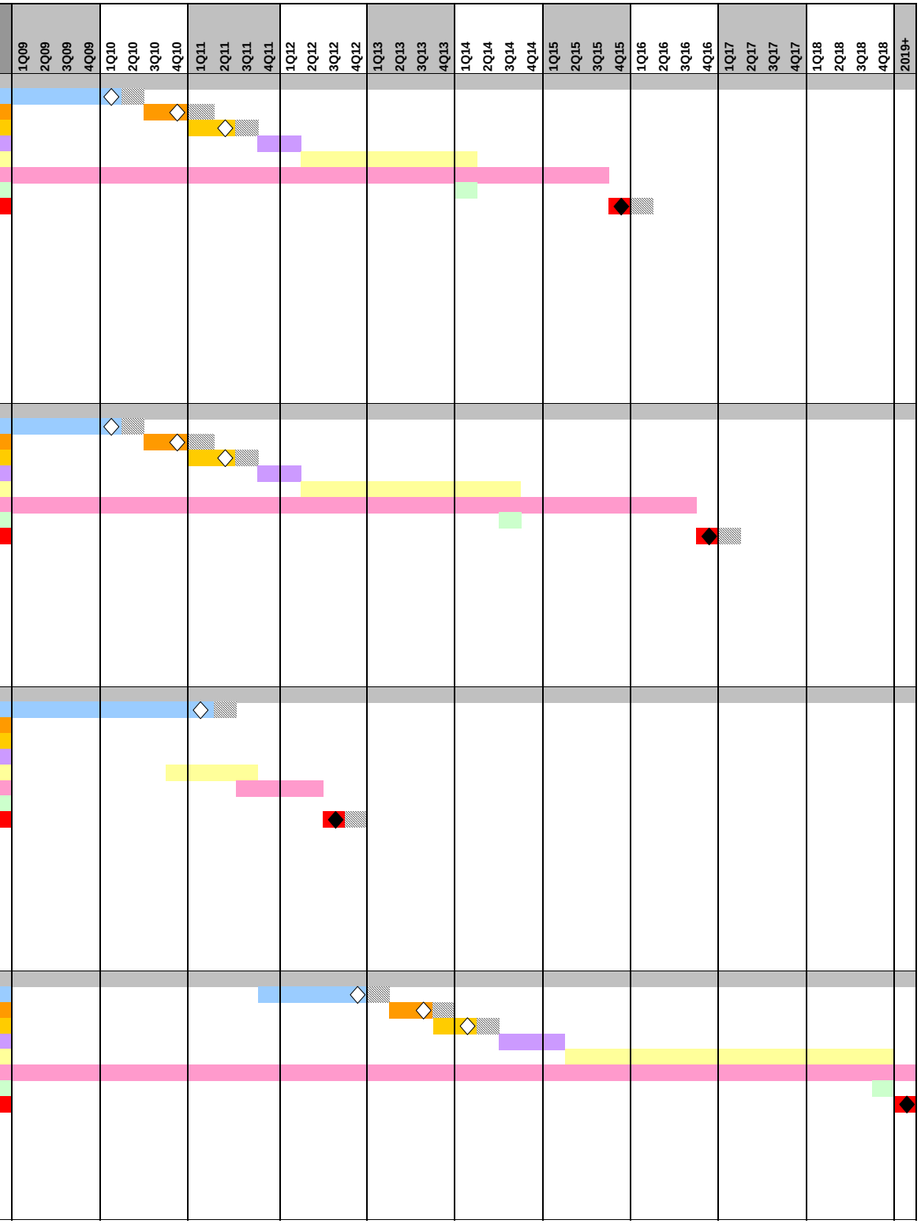
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
93995625	64432537	NW2064	105 S 156th St	Burien (Seattle)	King	CRA	3Q 2016	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered near the pump islands and hydraulic hoists during the installation of a Stage II vapor recovery system in 1993. *Extent of soil contamination* - Impact may extend to an inaccessible area beneath the sidewalk of 1st Avenue South. *Extent of groundwater contamination* - Impact to groundwater may extend west of the property to 1st Avenue South, and south of the property beneath a commercial property. *Other media impacted* - None known *Cleanup (Interim) actions to date* - SVE piping was installed but has not been connected to a system. *Data gaps* - Extent of petroleum impacted groundwater to the south and west.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
90876829	83922248	NW2065	12001 NE 8th Street	Bellevue	King	CRA	2Q 2018	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - 1990 from former UST system at southwest corner of site *Extent of soil contamination* - Defined, along western portion of site between the western dispenser island and SV-6 through SV-8 *Extent of groundwater contamination* - Groundwater impact west of property boundary unknown. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - 1990 UST decommissioning, 879 cy of petroleum impacted soil excavated from site and SVE (SV-1 to SV-9) system installed removing 105 pounds of volatile hydrocarbons. *Data gaps* - Lateral extent of groundwater impact to west of site. Further assessment of on site groundwater impact needed.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97420037	92142255	NW2038	13701 100th Ave NE	Kirkland	King	Delta	3Q 2009	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in Closure Request *Release discoveries* - product line ruptured during well installation activities in 1993. *Extent of soil contamination* - None. *Extent of groundwater contamination* - None. *Other Media Impacted* - None. *Cleanup (interim) actions to date* - VES in 1993. Limited excavation during upgrades in 1998. *Data gaps* - None.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
90877178	35684714	NW2066	17010 International Blvd	SeaTac	King	CRA	4Q 2009	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered under the USTs during a UST removal in 1990. *Extent of Soil contamination* - Defined, limited impact beneath dispenser island. *Extent of groundwater contamination* - Groundwater has not been encountered at this site to a depth of 50 feet bgs. *Other media impacted* - None known *Cleanup (Interim) actions to date* - In 1990 during UST removals 700 cubic yards of impacted soil was excavated and removed from the site. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
89875902	88387929	NW2081	22026 Marine View Dr. S	Des Moines	King	CRA	4Q 2013	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - 1992 during construction excavation on Marine View Drive *Extent of soil contamination* - Defined, residual impacts at dispensers *Extent of groundwater contamination* - Groundwater impact may extend offsite to the southwest. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - 1995 excavation activities for Stage II Vapor Recovery retrofit included removal of 30 to 40 cy of petroleum impacted soil from dispensers *Data gaps* - Groundwater impact downgradient of site to the southwest.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



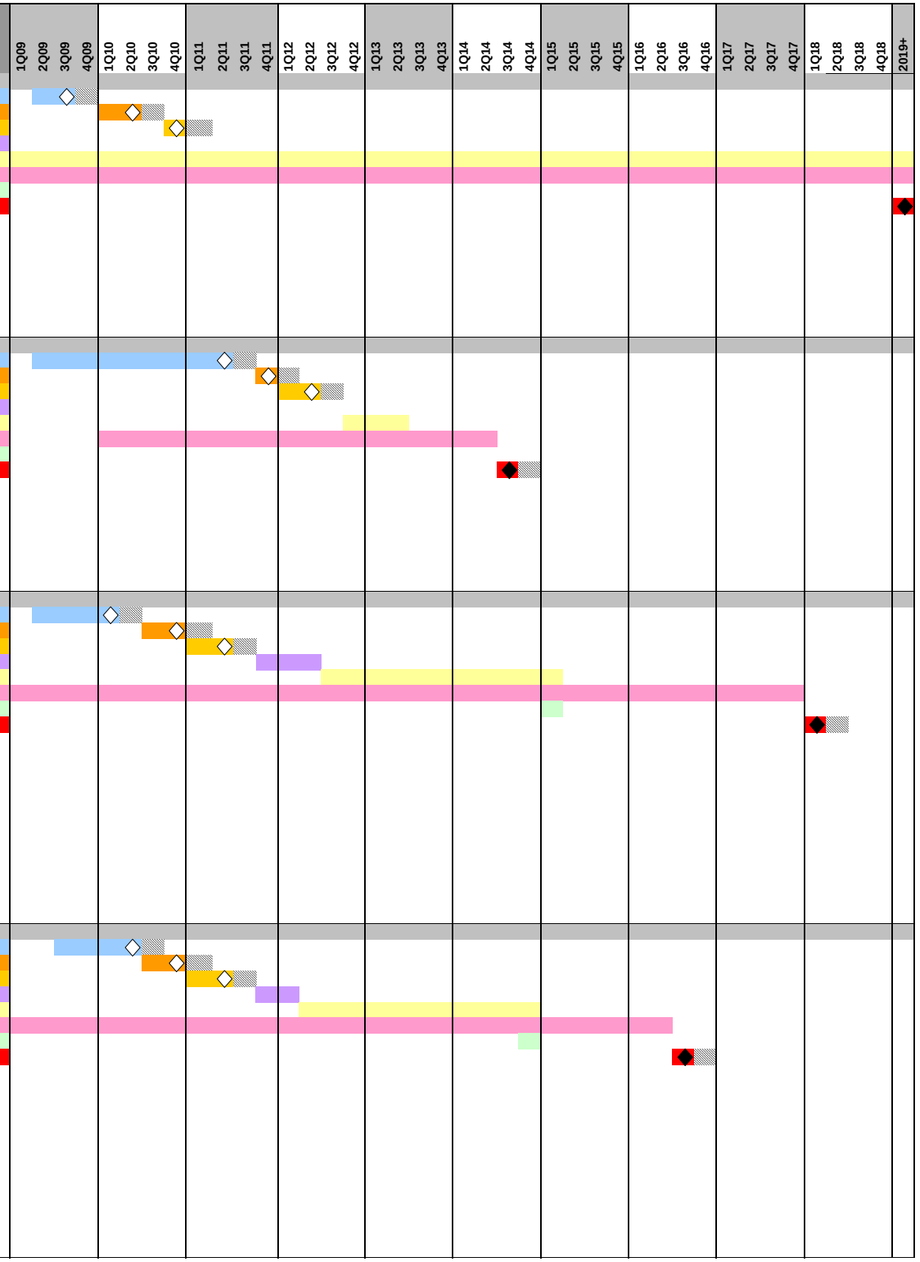
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
95995506	65747289	NW2067	10801 NE 68th St	Kirkland	King	CRA	4Q 2015		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - 1995, release from UST system *Extent of soil contamination* - Impacted soil extends beneath station building, and impacted soil in vicinity of MW-6 and former used oil UST is not defined. *Extent of groundwater contamination* - Extent of groundwater impact is not defined to the north and west of dispenser islands and downgradient to the west. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1995 30 to 40 cubic yards of petroleum impacted soil was excavated from dispenser islands, 2001 used oil UST decommissioned (7 cy impacted soil was excavated) and two in-ground hydraulic hoists removed (3 cy impacted soil excavated), 2002 oil/water separator removal. *Data gaps* - Groundwater extent downgradient to the west, potentially in 108th Avenue.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
94995029	7546643	NW2068	1520 S 348th St	Federal Way	King	CRA	4Q 2016		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was discovered under the northwest and southwest dispenser islands during a Stage II vapor recovery installation in 1993. *Extent of soil contamination* - Petroleum impacted soil may extend northwest and south of the dispenser island. *Extent of groundwater contamination* - Petroleum impacted groundwater extent not defined downgradient to the northwest *Other media impacted* - None known *Cleanup (Interim) actions to date* - There is no record of remedial activities at this site. *Data gaps* - Extent of petroleum impacted groundwater downgradient to the northwest	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995063	29211653	NW2069	812 NE 65th St	Seattle	King	CRA	3Q 2012		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered beneath the product dispensers while installing Stage II vapor recovery equipment at the site in 1992. *Extent of Soil contamination* - Petroleum impacted soil may remain near the western property boundary. *Extent of groundwater contamination* - Petroleum impacted groundwater is defined at the site. Currently all wells are below MTCA cleanup levels *Other media impacted* - None known *Cleanup (Interim) actions to date* - There is no record of remedial activities at this site. *Data gaps* - Extent of soil impact near western property boundary.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995952	51216788	NW2082	23031 Pacific Hwy S	Des Moines	King	CRA	2019+		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - 1993 during Stage II vapor recovery upgrade *Extent of soil contamination* - Defined, residual impacts remain in the vicinity of the UST system, including dispensers *Extent of groundwater contamination* - Groundwater impact extends to west to property across Hwy 516. Extent has not been defined. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1998 the UST system was removed along with 350 cy of petroleum impacted soil, and began passive SPH removal at MW-7 in 2008. *Data gaps* - Extent of petroleum impacted groundwater offsite.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



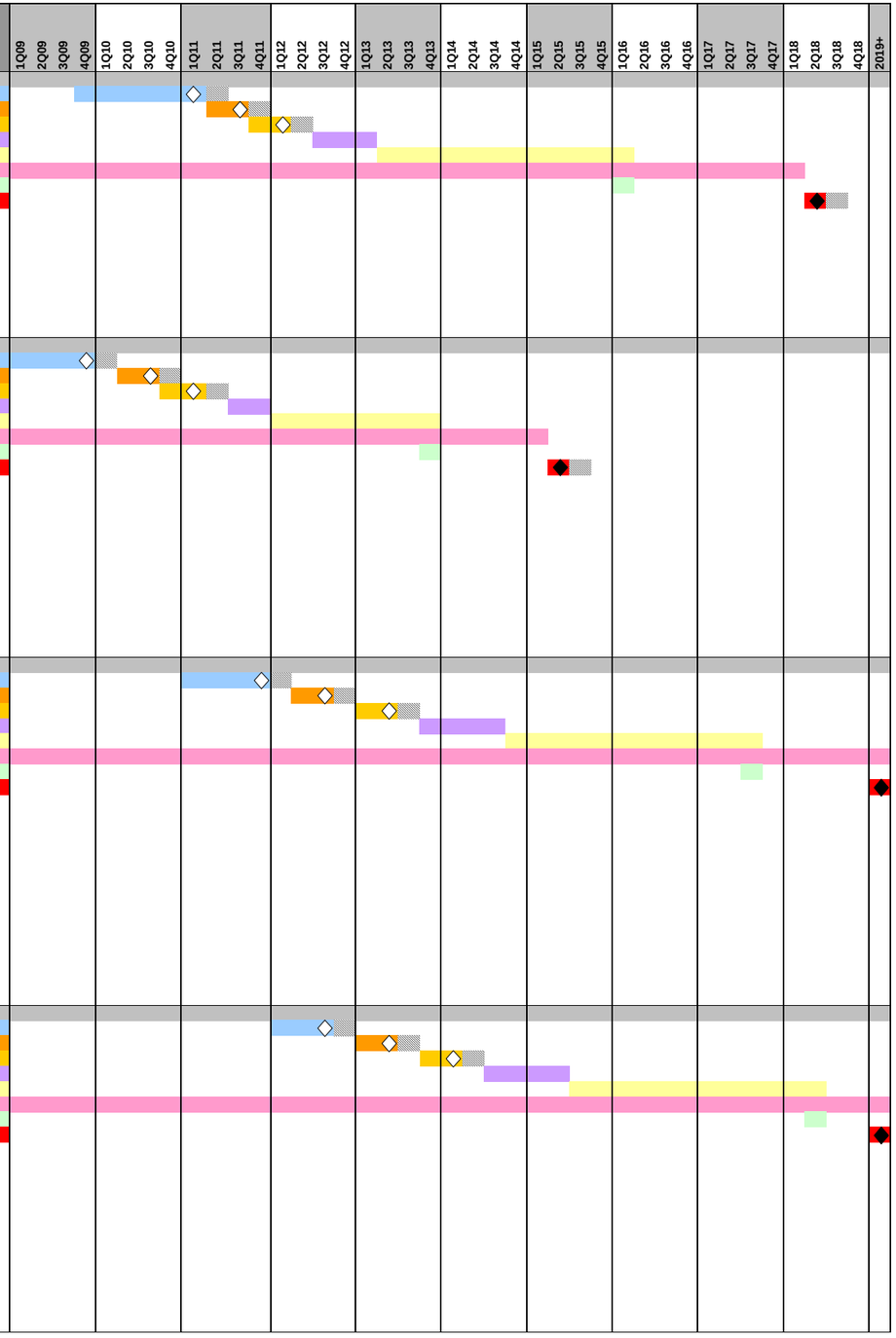
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
91880622	14577491	NW2033	210 NE 45th Street	Seattle	King	Delta	2019+		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered in 1991 during UST removal activities. *Extent of soil contamination* - Soil impacts remain in the vicinity of the USTs. *Extent of groundwater contamination* - Groundwater has not been defined downgradient/offsite. *Other Media Impacted* - none *Cleanup (interim) actions to date* - SVE was conducted in the early 1990's, Groundwater extraction conducted from 1995 to the present. *Data gaps* - Downgradient groundwater extent remains to be determined.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995085	34292725	NW2056	1439 Auburn Way N	Auburn	King	CRA	3Q 2014		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - 1992, product loss from UST system *Extent of soil contamination* - Defined, residual petroleum impacted soil remains in the vicinity of the diesel UST and dispenser islands *Extent of groundwater contamination* - None *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1993 Stage II Vapor Recovery line upgrade 11 cy of petroleum impacted soil was excavated. Approximately 160 cy of petroleum impacted soil was removed during a product line update in 1998. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
95995056	51218997	NW2094	7200 Aurora Ave N	Seattle	King	CRA	1Q 2018		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1996 contaminated soil was discovered during an assessment along the southeastern site boundary and north of the USTs. *Extent of Soil contamination* - Petroleum impacted soil may remain north of the USTs, and beneath the sidewalk on the southeastern property boundary. *Extent of groundwater contamination* - Petroleum impacted groundwater may extend west of the southwestern property boundary. *Other media impacted* - None known *Cleanup (Interim) actions to date* - In 2000, 1,000 cubic yards of contaminated soil was excavated and removed from the site, and a SVE system operated at the site from 1998 to 2007. *Data gaps* - Lateral extent of petroleum impacted soil and groundwater beneath the southeastern property boundary.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
95995044	35848934	NW2057	13138 Interurban Ave S	Tukwila	King	CRA	3Q 2016		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered beneath a used waste oil tank, and near the fuel USTs and dispenser islands from 1986 and 1996 site assessments. *Extent of soil contamination* - Petroleum impacted soil may remain south and east of the dispenser islands. *Extent of groundwater contamination* - Petroleum impacted groundwater is not defined to the west, southwest, and east. *Other media impacted* - None known *Cleanup (Interim) actions to date* - In 1996 approximately 13 cubic yards of soil was removed from the used oil tank excavation and approximately 35 gallons of impacted water was removed from the excavation pit. *Data gaps* - Extent of petroleum impacted groundwater beneath the site to the west, southwest and east. Lateral extent of petroleum impacted soil near the dispenser islands.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



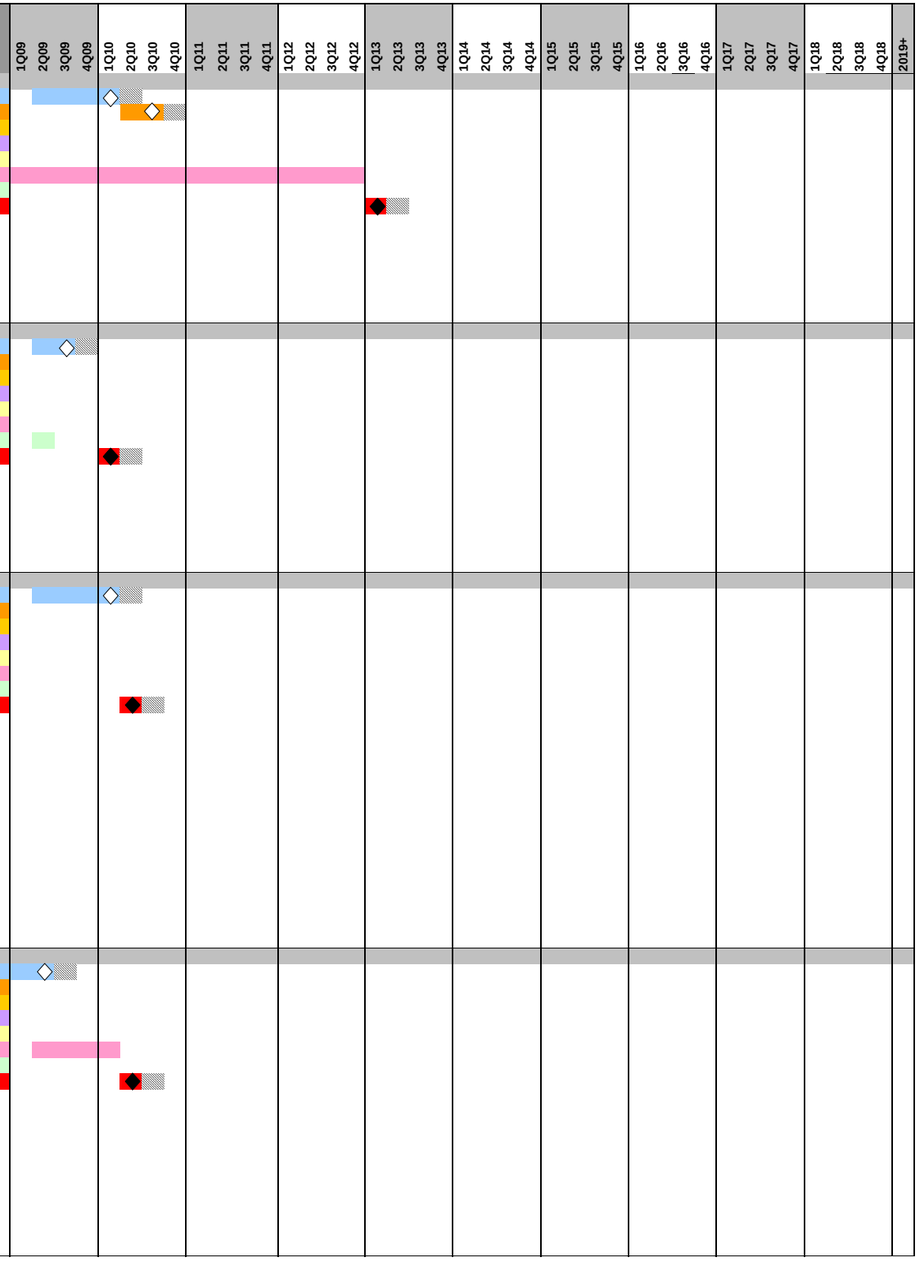
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
90879473	53947398	NW2058	22802 Bothell Way SE	Bothell	Snohomish	CRA	2Q 2018		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered in 1990 during a UST system (5 tanks) decommission and installation (6 tanks-3-gas,1-diesel,1-waste oil,1-heating oil). *Extent of soil contamination* - impact in the vicinity of USTs *Extent of groundwater contamination* - impact in the vicinity of USTs *Other Media Impacted* - None known *Cleanup (interim) actions to date* - 1990 former UST system decommission and 1500 cy impacted soil excavated, 1991-1992 SVE and groundwater treatment system operated, 1996 waste oil UST was decommissioned (confirmation samples below MTCA). *Data gaps* - Additional onsite investigation necessary.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995019	10339322	NW2059	21049 Cedardale Rd	Mount Vernon	Skagit	CRA	2Q 2015		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Impacted soil first discovered in 1993 during the installation of overfill containment boxes, Stage II Vapor Recovery retrofit, and decommissioning of on-site heating oil and used oil USTs. *Extent of soil contamination* - Definition needed northwest on-site with residual impacts under dispensers. *Extent of groundwater contamination* - Petroleum impacted groundwater not defined on the west and northwest side of the property (downgradient of former UST system). *Other Media Impacted* - None known *Cleanup (interim) actions to date* - Approximately 80 cy of impacted soil removed in 1993 during system upgrade and tank decommissioning. *Data gaps* - The extent of groundwater impact on west portion of property and extent of soil impact northwest of former UST system.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995050	49674295	NW2060	10 Denny Way	Seattle	King	CRA	2019+		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered beneath the dispensers to the northwest and northeast during a Stage II vapor recovery installation in 1992. *Extent of soil contamination* - The vertical extent of impacted soil may extend beneath the south end of the station building and beneath the dispenser island on the south side of the property. *Extent of groundwater contamination* - The vertical extent of groundwater is currently undefined south down-gradient of the property. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1997 during UST removals approximately 1,182 cubic yards of contaminated soil was excavated and removed from the site, a diffused aeration treatment system treated approximately 6,000 gallons of groundwater, and ORC was injected beneath the surface. *Data gaps* - Lateral extent of petroleum impacted soil and groundwater south and down-gradient of the property.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring, if necessary Confirmation Borings, if necessary NFA or PS
92995044	81151721	NW2055	2461 4th Ave S	Seattle	King	CRA	2019+		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was discovered beneath the dispensers on the south side of the site during a site assessment in 1992. *Extent of soil contamination* - Impacted soil may extend beneath the south end of the station building and beneath the dispenser island on the south side of the property. *Extent of groundwater contamination* - The lateral extent of groundwater is currently undefined downgradient to the south of the property. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - No remedial activities have been conducted at the site. *Data gaps* - Extent of petroleum impacted soil in the vicinity of the dispenser island on the south side of the property, and downgradient extent of petroleum impacted groundwater to the south.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



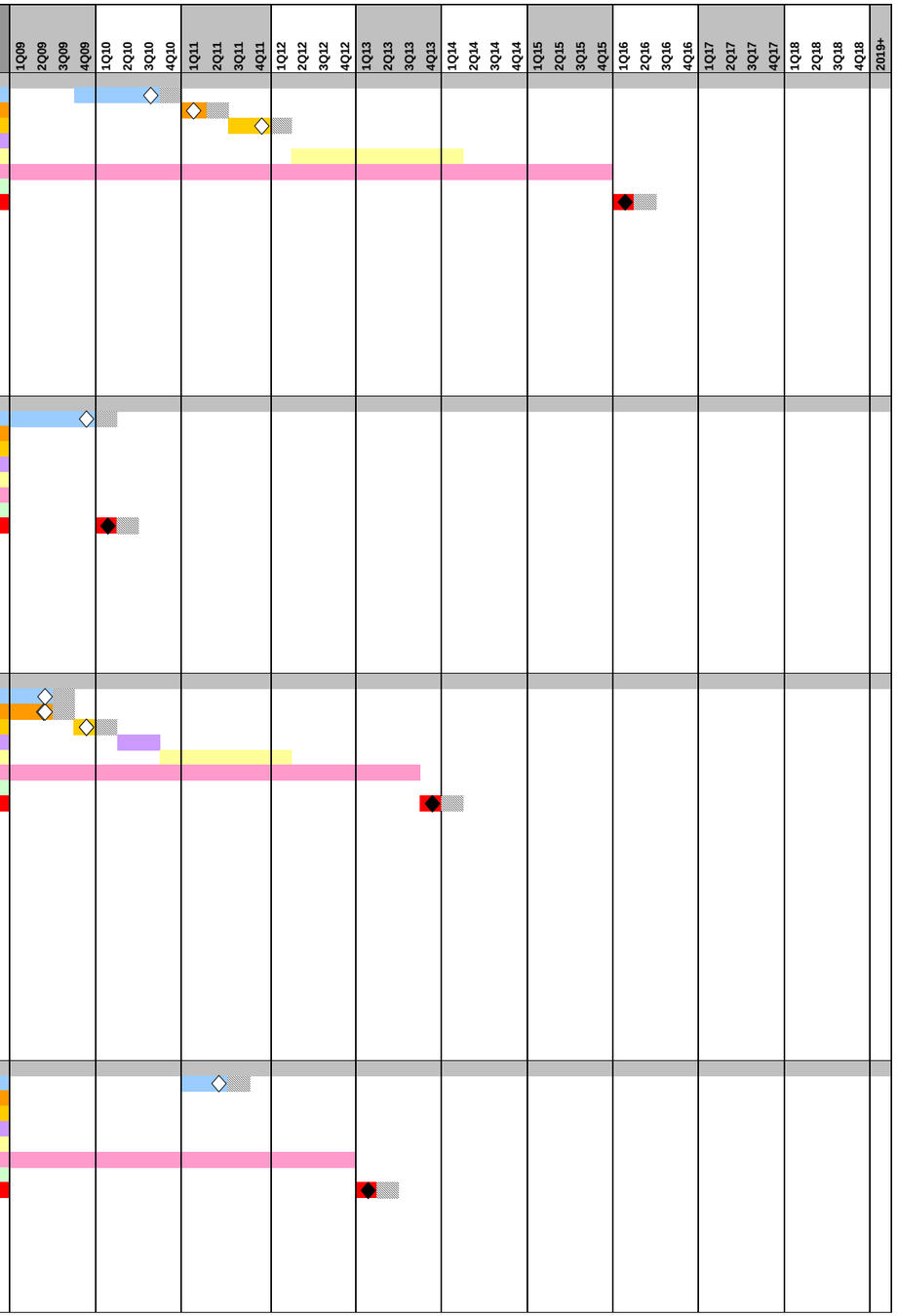
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
95995509	32794934	NW2036	5500 15th Ave NW	Seattle	King	Delta	1Q 2013		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Adjacent site soil vapor impacts reported in 1993 - NFA subsequently granted. *Extent of soil contamination* - The extent of shallow soil contamination has been defined and is present under the fuel dispensers. *Extent of groundwater contamination* - Groundwater impacts remain at well MW-11. *Other Media Impacted* - previous vapor impacts at adjacent site. *Cleanup (interim) actions to date* - GWE/SVE operated at the site from 1995-2000, and bioventing from 1998 to 2006. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93697533	93697533	NW2039	1811 Main Street	Ferndale	Whatcom	Delta	1Q 2010		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered beneath the fuel dispensers in 1995 during Stage II upgrade activities. Waste Oil UST, Heating Oil UST, Hydraulic Hoist, and Product Dispenser Removals in 1998 *Extent of soil contamination* - shallow soil impacts remain at the site. *Extent of groundwater contamination* - Clean *Other Media Impacted* - none *Cleanup (interim) actions to date* - Waste Oil UST, Heating Oil UST, Hydraulic Hoist, and Product Dispenser Removals in 1998 *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
89874948	17877244	NW2083	1209 4th St	Marysville	Snohomish	CRA	2Q 2010		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Petroleum impacted soil discovered during a UST system decommission in 1989 (3-10000-gal gasoline, 1-6000-gal diesel). *Extent of soil contamination* - Defined in the vicinity of the former gas UST and dispenser islands. *Extent of groundwater contamination* - None *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1989, 400 cy impacted soil was excavated and a 13 point soil ventilation system was installed near dispenser islands and former UST excavation area. A groundwater treatment and VES operated from 1991 to 1993 when hydrocarbon emissions were nondetect. A dry well was removed in 1992 along with 30 cy of impacted soil. In 1993, a Stage II vapor recovery installed and 12 cy impacted soil was excavated. In 1996, a waste oil and a heating oil UST, two 8-foot long steel hydraulic hoists, and a former lube bay floor drain with drain pipe were removed with 3 cy of impacted soil. *Data gaps* - Confirmation soil borings.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995057	73184629	NW2085	825 Front St N	Issaquah	King	CRA	2Q 2010		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered beneath the dispenser islands during a Stage II vapor recovery system installation in 1992. *Extent of soil contamination* - The lateral extent of impacted soil may extend north of SB-7 and west of MW-4. *Extent of groundwater contamination* - All site wells are below MTCA cleanup levels, one additional well needed to northeast near property boundary. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - No remedial activities have been conducted at the site. *Data gaps* - Lateral extent of petroleum impacted soil and groundwater north of SB-7 and west of MW-4.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



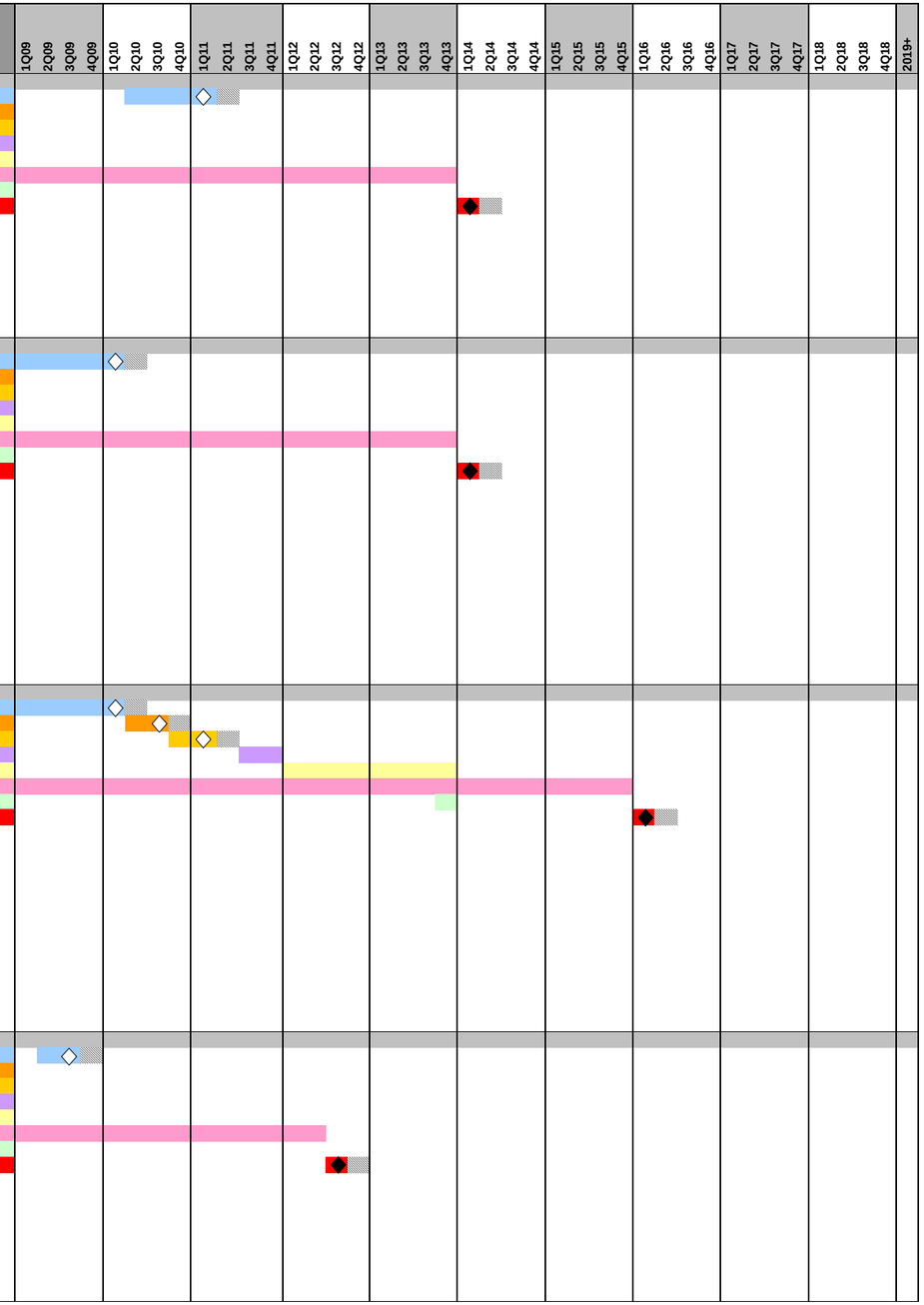
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
92995055	99911141	NW2093	8401 Evergreen Way	Everett	Snohomish	CRA	1Q 2016		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1992 during station upgrades, contaminated soil was discovered within the UST excavations, and beneath the dispenser island. *Extent of soil contamination* - The lateral extent of impacted soil may extend to the northwest side of the property west of the dispenser islands. *Extent of groundwater contamination* - The downgradient extent of impacted groundwater may be defined with wells located in Evergreen Way. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1992 approximately 1,000 cubic yards of impacted soil was removed and treated off-site during UST removals. In 1996 a groundwater recovery treatment/SVE system were installed on-site and are currently in operation. *Data gaps* - Downgradient extent of petroleum impacted groundwater southwest of the property.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995056	58557527	NW2084	23953 104th Ave SE	Kent	King	CRA	1Q 2010		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Impacted soil discovered in 1992 during Stage II Vapor Recovery upgrade. *Extent of soil contamination* - Defined, petroleum impacted soils have been excavated. *Extent of groundwater contamination* - There is no current or historical evidence of groundwater at the site. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1992, 15 tons of impacted soils were excavated from the dispensers and UST spill buckets. In 1998 as part of UST system upgrade 265 cy of impacted soils were excavated. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
91995087	20469999	NW2040	1133 W. James Street	Kent	King	Delta	4Q 2013		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - impacted soil was first discovered in 1991 adjacent to the dispensers and in the west and northwest region of the USTs. *Extent of soil contamination* - Soil impacts exist in the west and northwest region of the gasoline UST cavity between 8 feet and 12 feet deep, north of the gasoline UST cavity (MW-4) at a depth of 5 feet, and adjacent to the dispenser islands at a depth of 4 feet. *Extent of groundwater contamination* - central portion of the property (MW-4). *Other Media Impacted* - none *Cleanup (interim) actions to date* - Approximately 888 cubic yards of soil was excavated and disposed of during the UST removal activities of 1991. Prior to installing the new product piping in 1991, horizontal slotted piping for a proposed soil vapor extraction (SVE) system was installed in the bottom of the product line trenches at a depth of 4 feet (Figure 4). There is no record of an SVE system being installed or operated at the site. An enhanced bioremediation program was conducted at the site and concluded on February 11, 2003. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
92995068	35285274	NW2051	32002 Military Road	Auburn	King	CRA	1Q 2013		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1992 during a UST upgrade, soil contamination was discovered beneath the USTs and dispenser islands. *Extent of soil contamination* - Soil impact defined around dispenser islands. *Extent of groundwater contamination* - The extent of groundwater is currently defined and below MTCA Method A cleanup levels. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1992 approximately 1,294 cubic yards of impacted soil was removed from the site during UST removals. From 1994 through 1995 a SVE system operated at the site. *Data gaps* - None.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



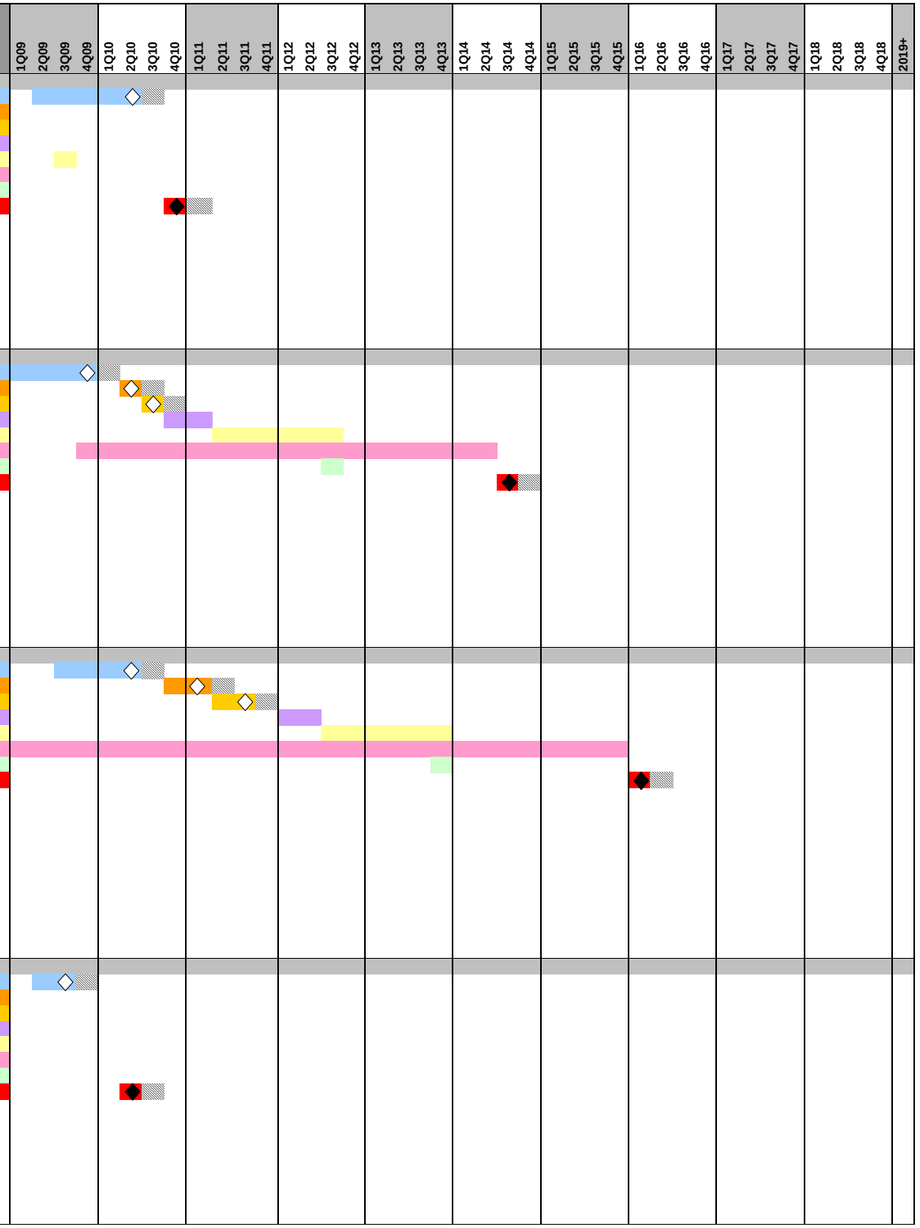
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
94995019	19688471	NW2052	650 (600) S Michigan St	Seattle	King	CRA	1Q 2014		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1994 during a Stage II vapor recovery installation contaminated soil was discovered beneath the southeast dispenser. *Extent of soil contamination* - Impacted soil defined in the vicinity of the dispenser islands. *Extent of groundwater contamination* - The extent of impacted groundwater defined and confined to property. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - No remedial activities have been conducted at the site. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
89874961	35955167	NW2090	501 Tukwila Parkway	Tukwila	King	CRA	1Q 2014		
								Current site status - Vacant lot *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1990, during UST removals contaminated soil was discovered beneath the former USTs. *Extent of soil contamination* - Soil above MTCA cleanup levels has been removed. *Extent of groundwater contamination* - Leading edge of plume defined and stable. Plume extends slightly east of property. North and south extent of plume needs further evaluation. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1990, three USTs were removed and approximately 150 cubic yards of impacted soil was excavated and removed from the site. In 2006, six USTs and two hydraulic hoists were removed from the site. In 2007, approximately 10,469 tons of impacted soil and approximately 9,400 gallons of water were removed from the site. *Data gaps* - Extent of petroleum impacted groundwater on-property to the north and south.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation completed in 2007 Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
92995017	63265631	NW2053	11700 NE 160th St	Bothell	King	CRA	3Q 2015		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1991, petroleum impacted soil was discovered during the UST system decommissioning. *Extent of soil contamination* - West side of the south dispenser and west of the former UST pits in the vicinity of MW-1. *Extent of groundwater contamination* - In the vicinity of MW-1 and potentially further downgradient. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1991 the UST system (3-8000-gal, 1-1000-gal heating oil, and 1-500-gal waste oil tanks) was decommissioned with excavation of impacted soil (1700 cy-UST pit and dispenser area, 25 cy at heating oil pit, and 10 cy at waste oil pit) soil stockpiled, the stockpiled soil was subsequently sampled with one result above MTCA (Gx). In 2004, a waste oil tank was removed with no soil above MTCA cleanup levels. *Data gaps* - Extent of soil between former USTs and MW-1 as well as extent of groundwater downgradient of MW-1.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97605413	31325769	NW2072	2025 4th Ave / Virginia St	Seattle	King	CRA	3Q 2012		
								Current site status - Active Jiffy Lube service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Impacted soil discovered in February 1996 during the decommission of a 1000-gal waste oil tank in service pit *Extent of soil contamination* - Residual petroleum impacted soil remains beneath the service pit. *Extent of groundwater contamination* - Groundwater onsite is below cleanup levels. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1996, the waste oil tank was closed in place. *Data gaps* - Extent of soil and groundwater impacts associated with the waste oil UST release.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



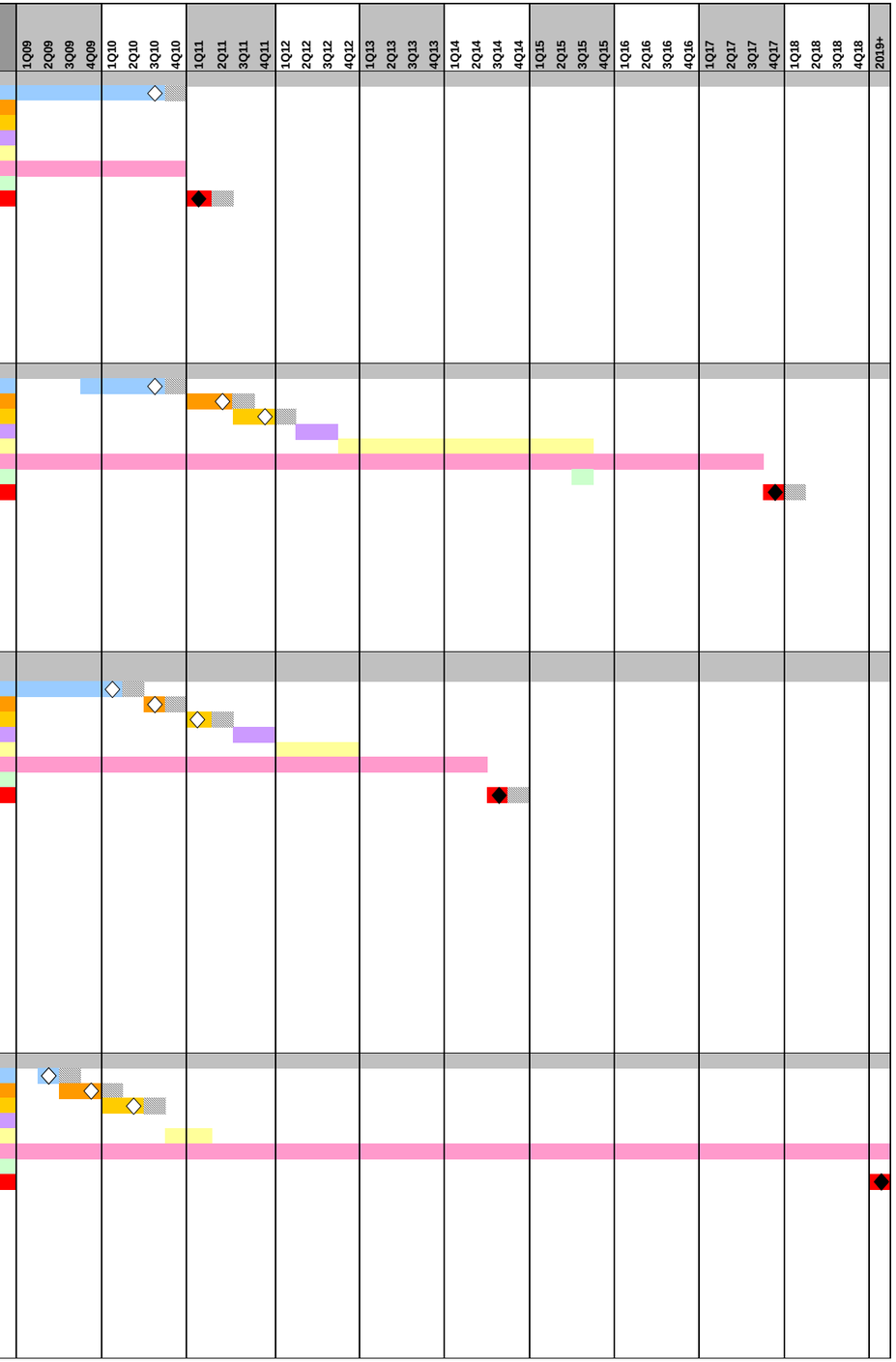
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
97605411	57575292	NW2078	1616 Freeway Dr / West College Way	Mount Vernon	Skagit	CRA	4Q 2010		
								Current site status - Active Jiffy Lube service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Impacted soil was discovered in 1995 during the removal of new and used oil USTs. *Extent of soil contamination* - Defined, at sample location T-15 at 2 feet bgs along the southeastern extent of the new oil UST excavation. *Extent of groundwater contamination* - Groundwater onsite is below cleanup levels. *Other Media impacted* - None known *Cleanup (interim) actions to date* - In 1995 the new oil UST was over excavated removing 150 cy of soil. *Data gaps* - Investigation of potential tank indicated by geophysical the anomaly at the northeastern portion of the property.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97605412	37352524	NW2071	10022 Holman Rd NW / NW 100th St	Seattle	King	CRA	3Q 2014		
								Current site status - Active Jiffy Lube service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Petroleum impacted soil was discovered in 1995 during UST decommissioning *Extent of soil contamination* - Additional soil data needed north and west of the former dispenser island where SB-15 at 10 feet bgs remains above MTCA Method A cleanup levels. *Extent of groundwater contamination* - Groundwater encountered at 19 feet bgs during 2008 investigation, further evaluation needed Other Media impacted - None known *Cleanup (interim) actions to date* - In 1995, four USTs were decommissioned from the site and 75 cy of petroleum impacted soil was removed from overexcavation of the UST pits. *Data gaps* - Groundwater characterization and impacted soil delineation at former dispenser island (SB-15)	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97605407	86273236	NW2073	1430 Cornwall Ave	Bellingham	Whatcom	CRA	1Q 2016		
								Current site status - Active Jiffy Lube service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Petroleum impacted soil discovered in 1995 during UST removal activities. *Extent of soil contamination* - Defined, soil remains above MTCA in samples from north and west of the service building, impacts are also beneath foundation at southeast corner of building. *Extent of groundwater contamination* - On-site wells (MW-1 to MW-5) are currently below MTCA Method A for petroleum constituents with the exception of PCE at MW-1 (southeast corner of building) *Other Media Impacted* - None known *Cleanup (interim) actions to date* - Three USTs containing new and used oil were removed in 1995 with 120 tons of petroleum impacted soil. *Data gaps* - Extent of groundwater impacted with PCE upgradient of the property.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97605406	24767268	NW2074	14001 NE 20th Ave NE	Bellevue	King	CRA	2Q 2010		
								Current site status - Active Jiffy Lube service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Impacted soil was discovered in 1996 during a UST decommission. *Extent of soil contamination* - Defined, vertically, 5 feet bgs to groundwater at 6-7 feet bgs and horizontally southeast of UST pit on-site *Extent of groundwater contamination* - Groundwater onsite below cleanup levels *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1996 four oil USTs were removed with 40 cy of impacted soil. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



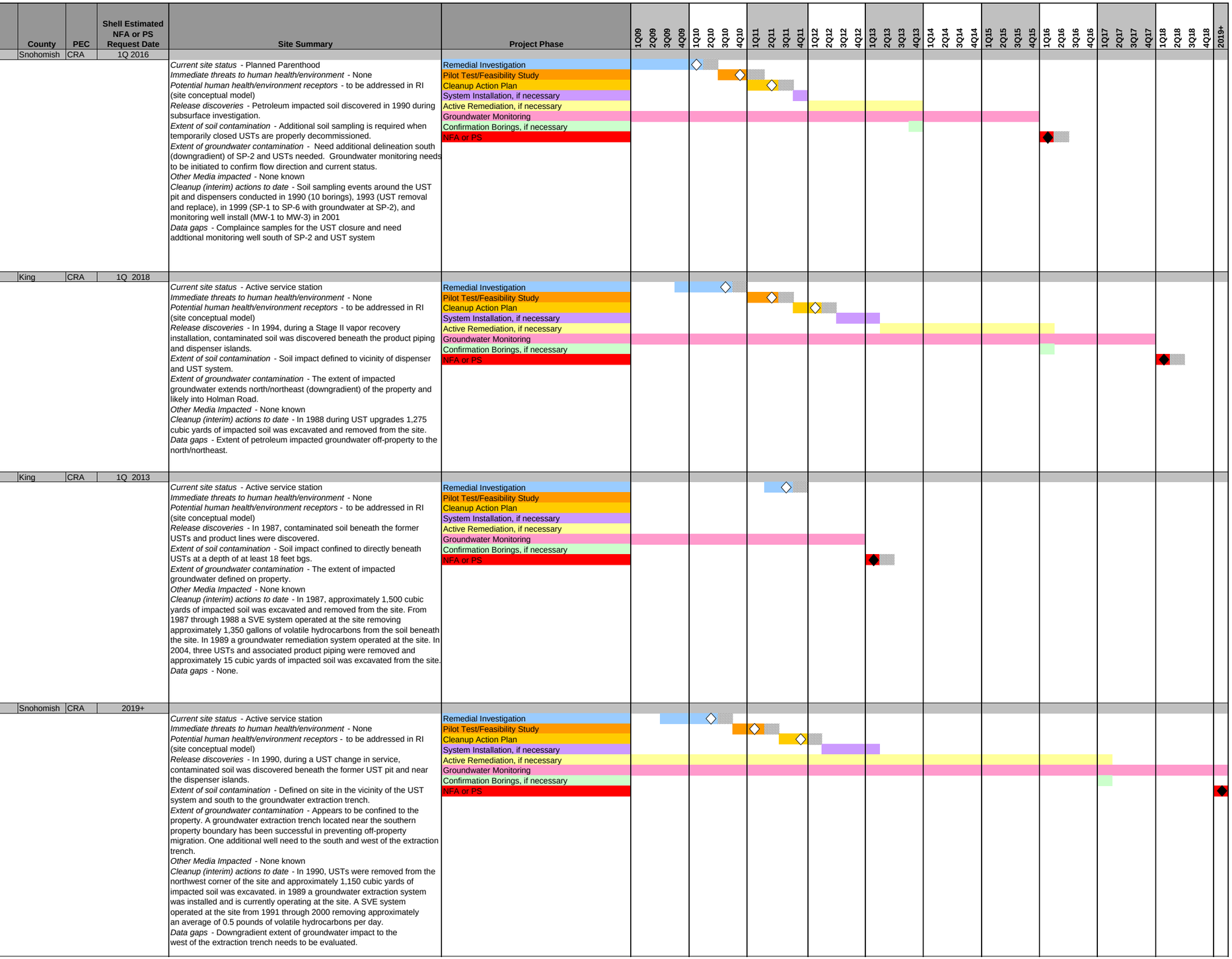
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
97605414	41675877	NW2079	4902 25th Ave NE / NE 49th St	Seattle	King	CRA	1Q 2011		
								Current site status - Active Jiffy Lube service station and La Escuelita Bilingual School Daycare *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Petroleum impacted soil was discovered in 1995 during the decommission of 3000-gal new oil and 500-gal used oil USTs. *Extent of soil contamination* - Northwest end of building from used oil tank, and east side of storage room from gasoline impacts. *Extent of groundwater contamination* - Beneath the storage room at SB-6 and SB-7. Monitoring wells downgradient of historic source are below MTCA Method A with the exception of total lead *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1995 two USTs, 1-3000-gal new oil and 1-500-gal used oil USTs were decommissioned in place. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995099	87852737	NW2076	11520 Avondale Rd NE	Redmond	King	CRA	4Q 2017		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Petroleum impacted soil was discovered in 1989 during a site investigation at current and former UST systems *Extent of soil contamination* - Residual soils at the pre-1987 UST pit at the southwest portion of the site and northwest canopy footing. Additional data needed on the southern portion of the property. *Extent of groundwater contamination* - MW-6 and MW-7 downgradient of dispensers and former UST location. Southern boundary of impacts not known. Other Media Impacted - None known *Cleanup (interim) actions to date* - In 1999 three USTs were removed and approximately 450 cy of impacted soil was removed. *Data gaps* - Groundwater downgradient of former UST location, and soil impact definition on the southern portion of the property.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
92995098	89785828	NW2092	18800 NE Woodinville Duvall Rd / Avondale Road NE	Woodinville	King	CRA	3Q 2014		
								Current site status - Automotive repair shop *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1989, during a subsurface investigation contaminated soil was discovered beneath the dispenser island and in the vicinity of the former USTs. *Extent of soil contamination* - The lateral extent of impacted soil may extend to the northeast and southwest section of the property near the former dispenser island. *Extent of groundwater contamination* - Extent of groundwater is defined however additional well required to evaluate on-property groundwater quality downgradient of former dispenser islands. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - From 1989 to 1991 a groundwater treatment and reintroduction gallery operated at the site. In 1998, three USTs and associated piping were removed from the site and approximately 200 cubic yards of soil was excavated and removed, in addition the reintroduction gallery was removed along with 0.2 tons of soil, and approximately 420 gallons of groundwater was discharged. *Data gaps* - Extent of petroleum impacted soil in the vicinity of former dispensers and USTs. Groundwater quality onsite and downgradient of former dispenser islands.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97089842	51268843	NW2046	1637 West Meeker Street	Kent	King	Delta	2019+		
								Current site status - vacant site *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Site investigation activities in 1989 identified petroleum impacts in the soil and groundwater at the site. During 1990 site investigation activities at the property to the south of the site and West Meeker Street identified petroleum impacts in the soil and groundwater at that property. *Extent of soil contamination* - limited soil impacts remain beneath the site *Extent of groundwater contamination* - groundwater impacts remain beneath the site and downgradient of the site *Other Media Impacted* - none *Cleanup (interim) actions to date* - remedial excavation, 1989-1994; groundwater extraction, 1989-2002; passive product recovery, 2006 to the present *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



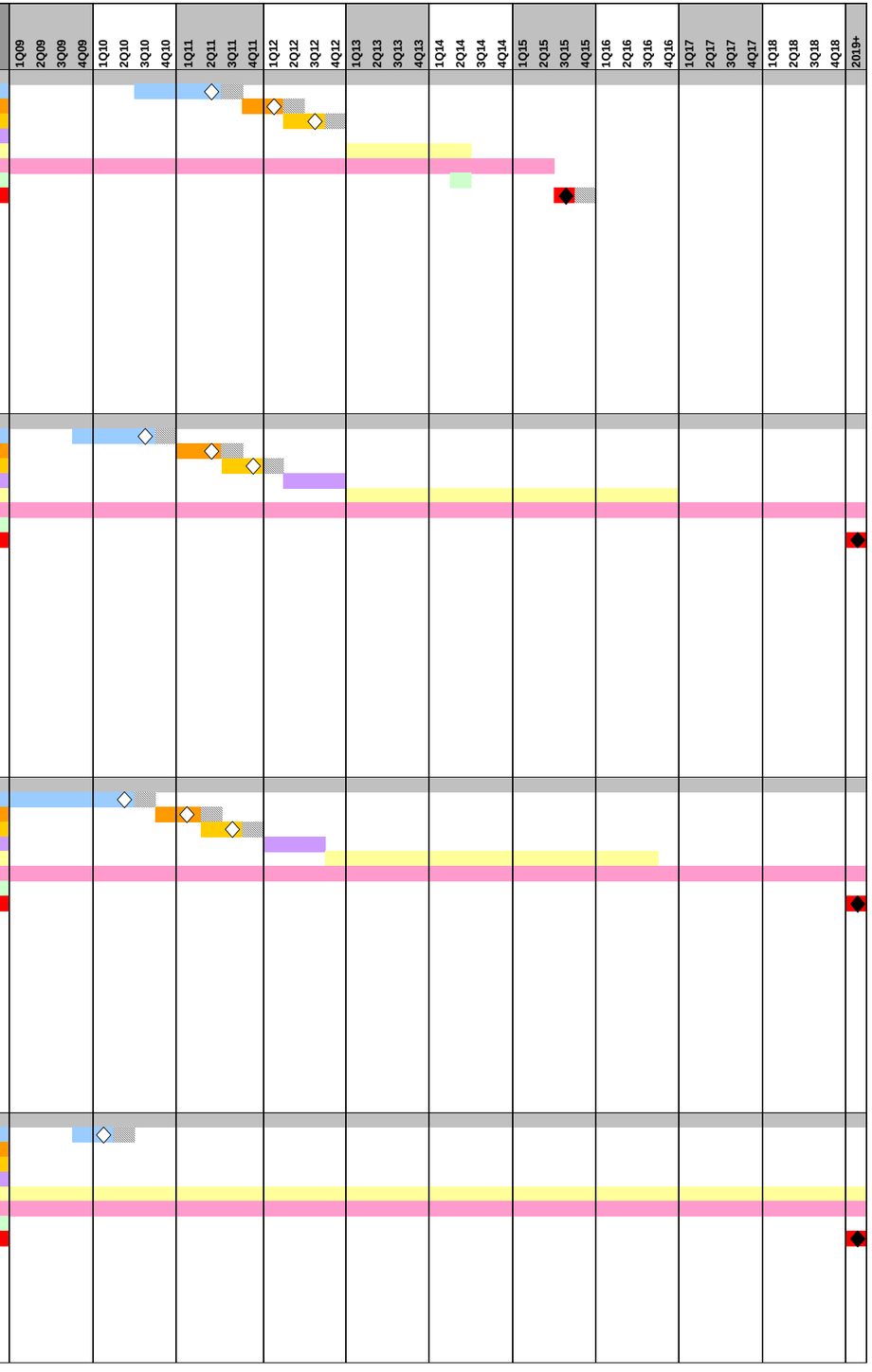
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary
97156288	34427654	NW2077	10210 Old Highway 99 North	Marysville	Snohomish	CRA	1Q 2016	*Current site status* - Planned Parenthood *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Petroleum impacted soil discovered in 1990 during subsurface investigation. *Extent of soil contamination* - Additional soil sampling is required when temporarily closed USTs are properly decommissioned. *Extent of groundwater contamination* - Need additional delineation south (downgradient) of SP-2 and USTs needed. Groundwater monitoring needs to be initiated to confirm flow direction and current status. *Other Media impacted* - None known *Cleanup (interim) actions to date* - Soil sampling events around the UST pit and dispensers conducted in 1990 (10 borings), 1993 (UST removal and replace), in 1999 (SP-1 to SP-6 with groundwater at SP-2), and monitoring well install (MW-1 to MW-3) in 2001 *Data gaps* - Complaince samples for the UST closure and need addtional monitoring well south of SP-2 and UST system
89873865	64651921	NW2091	9796 Holman Rd NW	Seattle	King	CRA	1Q 2018	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1994, during a Stage II vapor recovery installation, contaminated soil was discovered beneath the product piping and dispenser islands. *Extent of soil contamination* - Soil impact defined to vicinity of dispenser and UST system. *Extent of groundwater contamination* - The extent of impacted groundwater extends north/northeast (downgradient) of the property and likely into Holman Road. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1988 during UST upgrades 1,275 cubic yards of impacted soil was excavated and removed from the site. *Data gaps* - Extent of petroleum impacted groundwater off-property to the north/northeast.
93995057	29834827	NW2050	15 Front St S	Issaquah	King	CRA	1Q 2013	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1987, contaminated soil beneath the former USTs and product lines were discovered. *Extent of soil contamination* - Soil impact confined to directly beneath USTs at a depth of at least 18 feet bgs. *Extent of groundwater contamination* - The extent of impacted groundwater defined on property. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1987, approximately 1,500 cubic yards of impacted soil was excavated and removed from the site. From 1987 through 1988 a SVE system operated at the site removing approximately 1,350 gallons of volatile hydrocarbons from the soil beneath the site. In 1989 a groundwater remediation system operated at the site. In 2004, three USTs and associated product piping were removed and approximately 15 cubic yards of impacted soil was excavated from the site. *Data gaps* - None.
91995032	16329343	NW2086	1816 112th St SE	Everett	Snohomish	CRA	2019+	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1990, during a UST change in service, contaminated soil was discovered beneath the former UST pit and near the dispenser islands. *Extent of soil contamination* - Defined on site in the vicinity of the UST system and south to the groundwater extraction trench. *Extent of groundwater contamination* - Appears to be confined to the property. A groundwater extraction trench located near the southern property boundary has been successful in preventing off-property migration. One additional well need to the south and west of the extraction trench. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1990, USTs were removed from the northwest corner of the site and approximately 1,150 cubic yards of impacted soil was excavated. in 1989 a groundwater extraction system was installed and is currently operating at the site. A SVE system operated at the site from 1991 through 2000 removing approximately an average of 0.5 pounds of volatile hydrocarbons per day. *Data gaps* - Downgradient extent of groundwater impact to the west of the extraction trench needs to be evaluated.



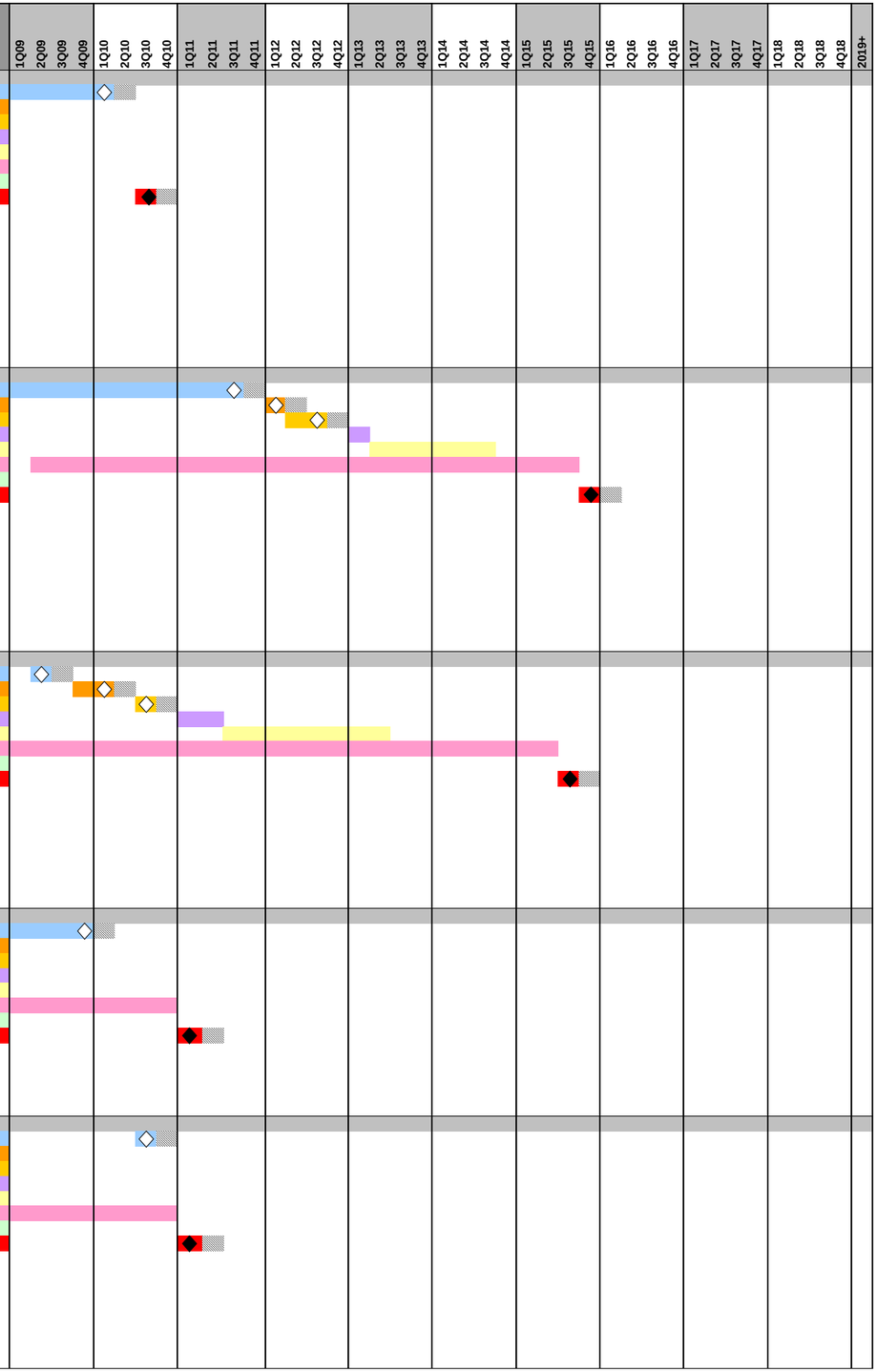
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
92995082	83711227	NW2087	852 Rainier Ave S	Seattle	King	CRA	3Q 2015		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1989, during a site investigation, contaminated soil was discovered near the former USTs. *Extent of soil contamination* - The lateral extent of impacted soil may extend beneath the western property boundary. *Extent of groundwater contamination* - The lateral extent of impacted groundwater may extend off-property to the west of RW-4. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - From 1991 through 1994, a SVE and groundwater extraction and treatment system operated at the site removing approximately 67.1 gallons of volatile hydrocarbons. In 1993 during a Stage II vapor recovery installation two trenches were excavated and approximately 204 cubic yards of soil was excavated. From 1999 through 2002 a groundwater pump and treat system operated at the site treating approximately 266,208 gallons of groundwater. *Data gaps* - Lateral extent of petroleum impacted soil and groundwater off-site to the west of the dispenser island.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
90876531	52783488	NW2097	7219 Rainier Ave S	Seattle	King	CRA	2019+		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1988, during a UST removal, contaminated soil was discovered beneath the former USTs. *Extent of soil contamination* - Impacted soil may extend east of the dispenser islands to the property boundary. *Extent of groundwater contamination* - The extent of impacted groundwater may extend off-property to the east. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1988, five USTs were removed and approximately 1,000 cubic yards of impacted soil was excavated and removed from the site. Following the UST removal a groundwater treatment system was installed inside the tank cavity. In 1994, during the installation of Stage II vapor recovery equipment approximately 62 tons of impacted soil was excavated and removed. In 1997, ORC socks were placed in 8 existing monitoring wells in an attempt to enhanced biodegradation in site groundwater. *Data gaps* - Extent of petroleum impacted groundwater off-property to the east of the USTs.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
90877719	71459562	NW2054	2805 SW Roxbury St	Seattle	King	CRA	2019+		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1988, during a UST and product line removal, soil contamination was discovered beneath the former USTs and beneath the dispenser islands east of the former USTs. *Extent of soil contamination* - Extent of soil impacts are not adequately defined to the southwest. Soil in the vicinity of the dispenser islands is impacted. *Extent of groundwater contamination* - The extent of impacted groundwater is not defined off-property to the southwest. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - in 1988 when all former facilities were removed from the site, approximately 2,240 cubic yards of impacted soil was excavated and removed from the site. In 1998, a high vacuum extraction system operated at the site removing approximately 950 gallons of groundwater. *Data gaps* - Extent of petroleum impacted soil southwest of AGW-3 and groundwater off-property to the southwest.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995001	35888116	NW2041	21449 Pacific Hwy South	Des Moines	King	Delta	2019+		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - UST Notice of Confirmed Release in Ecology's files was reviewed by a previous consultant. That document reportedly indicates that hydrocarbon impacted soil was first identified by Gull (a prior owner/operator) in 1979, and impacted groundwater was first reported in 1990. *Extent of soil contamination* - impacts in the vicinity of the UST basin *Extent of groundwater contamination* - groundwater impacts in the vicinity of the UST basin *Other Media Impacted* - none *Cleanup (interim) actions to date* - AS/SVE from 2006 to the present *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



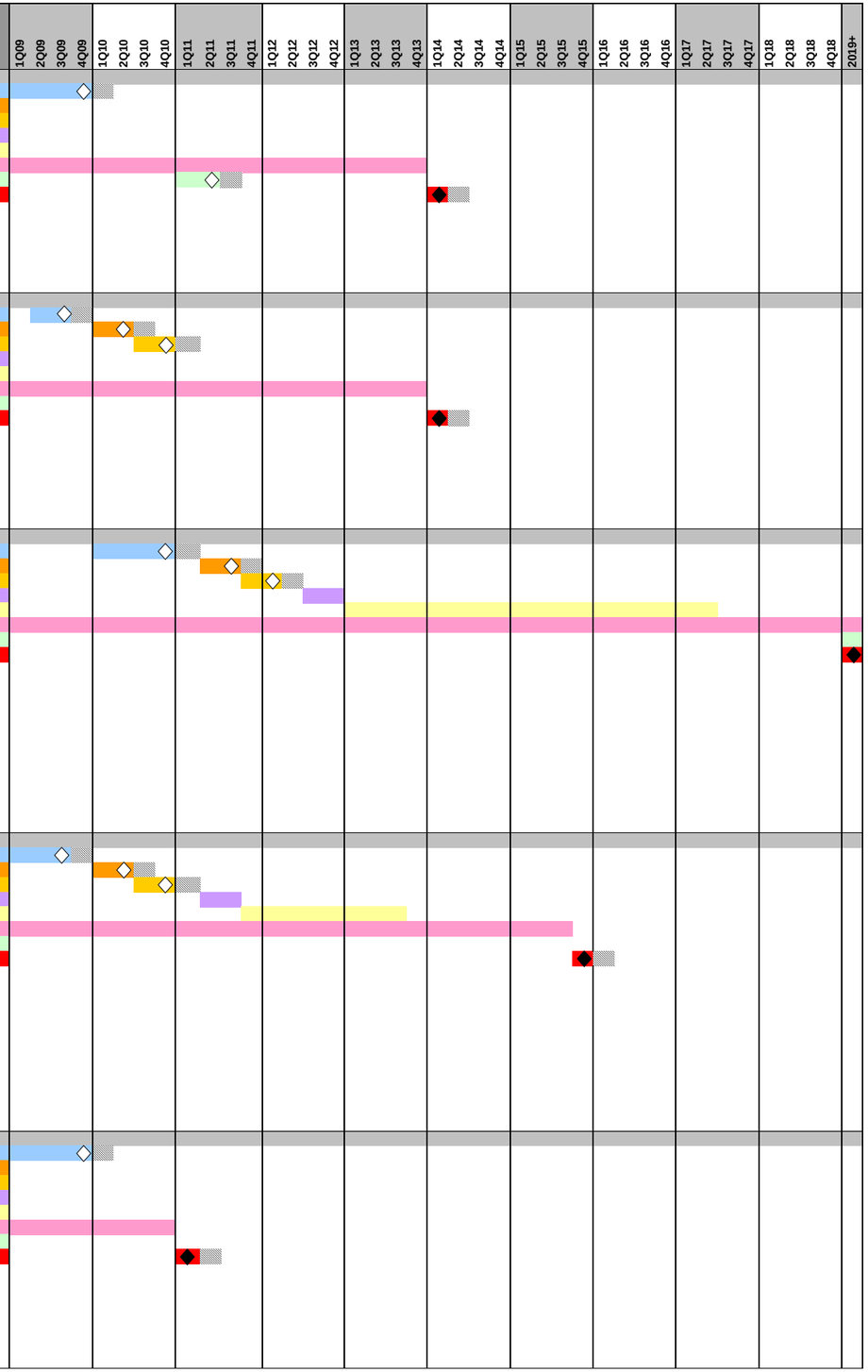
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
97467594	99697727	NW2098	4333 Tolt Ave (SR 203) / Eugene St	Carnation	King	CRA	3Q 2010	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1990, during the excavation of four USTs, two pump islands, and associated product piping, contaminated soil was discovered beneath the UST pit and southern portion of both dispenser islands. *Extent of soil contamination* - The vertical and horizontal extent of soil contamination is defined. *Extent of groundwater contamination* - The lateral extent of groundwater is defined and has been below MTCA Method A cleanup levels for four consecutive quarters. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1990 during UST, pump island, and associated piping removals approximately 560 cubic yards of impacted soil was excavated and removed from the site. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
94995022	22356455	NW2096	630 Elliot Ave W	Seattle	King	CRA	4Q 2015	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1989, during site assessment activities, soil contamination was discovered near the UST basin and adjacent to the pump islands. *Extent of soil contamination* - Uncertain. Previous investigation indicate soil impacted localized beneath USTs. *Extent of groundwater contamination* - Uncertain. Site has not been monitored since 1996. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - No remedial activities have taken place at the site. *Data gaps* - Begin monitoring program and determine current groundwater quality at the site.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
90015062	65688356	NW2042	13201 SE 272nd St	Kent	King	Delta	4Q 2014	*Current site status* - vacant. Redevelopment planned *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Hydrocarbon-impacted soil was encountered in 1993 during product piping replacement in the northern and central portions of the property. *Extent of soil contamination* - None *Extent of groundwater contamination* - Groundwater impacts are present beneath the eastern-central portion of the property in MW-3. *Other Media Impacted* - none *Cleanup (interim) actions to date* - Excavation of all soil impacts in 2007 and 2008. ELR conducted in 2008. *Data gaps* -Extent of groundwater contamination downgradient of MW-3 (off-property) remains to be determined.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97147661	56326712	NW2035	2921 Martin Luther King Jr. Wy S	Seattle	King	Delta	1Q 2011	*Current site status* - Starbucks store *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Discovery made during subsurface investigation performed in 1998. *Extent of soil contamination* - shallow lead in soil impacts remain onsite *Extent of groundwater contamination* - Diesel in MW-5 *Other Media Impacted* - none *Cleanup (interim) actions to date* - SVE operated at site in 2000-2001. *Data gaps* - None.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97498505	81951636	NW2089	3432 132nd St SE	Mill Creek (Bothell)	Snohomish	CRA	1Q 2011	*Current site status* - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - April 30, 2003 a release from UST system was reported to Ecology after the installation of groundwater monitoring wells. *Extent of soil contamination* - All soil samples below MTCA Method A *Extent of groundwater contamination* - Historically, southeast of the USTs and northeast of the dispenser islands. All wells below MTCA Method A cleanup levels since March 2008 *Other Media Impacted* - None known *Cleanup (interim) actions to date* - None *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary Closure



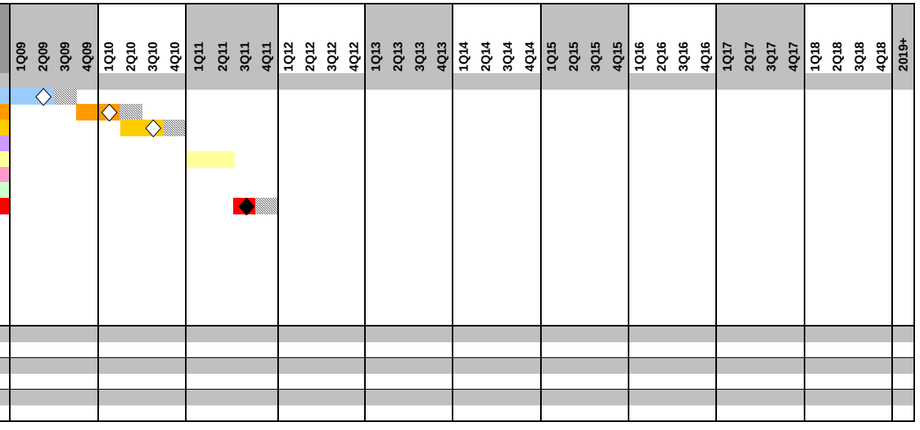
Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
97739078	55129449	NW2043	22588 84th Ave South	Kent	King	Delta	1Q 2014		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Contaminated soil was first discovered during dispenser upgrade activities in 2008. *Extent of soil contamination* - The extent of soil contamination is limited to the vicinity of the dispenser islands. *Extent of groundwater contamination* - The extent of groundwater contamination is limited to the vicinity of the dispenser islands. *Other Media Impacted* - none *Cleanup (interim) actions to date* - natural attenuation. *Data gaps* - None.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97540124	1002463	NW2047	2756 NE 45th Street	Seattle	King	Delta	1Q 2014		
								Current site status - Commercial stores and parking *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Petroleum hydrocarbon concentrations in soil and groundwater were discovered during site redevelopment activities in 1995 and 2003. *Extent of soil contamination* - shallow soil impacts remain on site Extent of groundwater contamination - Groundwater impacts are present and decreasing in the western half of the site. *Other Media Impacted* - none *Cleanup (interim) actions to date* - None *Data gaps* - Downgradient groundwater impacts have not been defined.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97605410	27496218	NW2070	6808 196th St SW / 68th Ave W	Lynnwood	Snohomish	CRA	2019+		
								Current site status - The former Jiffy Lube building is remodeled for use as a cafe *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Soil impacts noted during new oil UST removal and used oil UST decommission in place in November 1995. *Extent of soil contamination* - With the exception of the northeast corner, petroleum impacted soil was reported at boring locations throughout the property. *Extent of groundwater contamination* - Throughout the property. *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1995, one 3000-gal motor oil UST was removed and one 500-gal used oil UST in the service pit was closed in place. Approximately 65 tons of impacted soil was removed from the vicinity of the motor oil UST. Passive removal of SPH continues at MW-3, MW-4, MW-5 and MW-8 via absorbent socks. *Data gaps* - Additional investigation necessary.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
93995936	56626259	NW2049	22727 Bothell Everett Hwy/228th St SE	Bothell	King	CRA	4Q 2015		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Petroleum impacted soil discovered in 1987 around UST fill port. *Extent of soil contamination* - Residual impacts remain northwest of former UST pit *Extent of groundwater contamination* - Eastern portion of property *Other Media impacted* - None known *Cleanup (interim) actions to date* - In Sept 1993, the former UST system was decommissioned and 217 cy excavated. A groundwater treatment and SVE system operated from July 1992 to March 1993. System expanded and operated from April to December 1993 (groundwater treatment went until June 1994) Total removed and treated: (14,624+256,155) gallons of groundwater and (1,846+1,618) 3,464 pounds of volatile hydrocarbons. *Data gaps* - None	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
97455387	5195417	NW2044	11020 19th Ave SE	Everett	Snohomish	Delta	1Q 2011		
								Current site status - retail drug store (Bartell's) *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - Petroleum-hydrocarbons were detected in soil and groundwater samples collected during site redevelopment activities in 2000. *Extent of soil contamination* - soil above MTCA was present at MW-2, P-12 and locations that are now below the Drug Store *Extent of groundwater contamination* - None *Other Media Impacted* - none *Cleanup (interim) actions to date* - In 2003, RETEC conducted remediation activities at the site. *Data gaps* - None.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS



Shell Cleanup Timelines - 05/28/2009

Shell Incident	Ecology F/S ID	VCP No.	Address	City	County	PEC	Shell Estimated NFA or PS Request Date	Site Summary	Project Phase
97712439	86578739	NW2088	23206 56th Ave West	Mountlake Terrace	Snohomish	CRA	3Q 2011		
								Current site status - Active service station *Immediate threats to human health/environment* - None *Potential human health/environment receptors* - to be addressed in RI (site conceptual model) *Release discoveries* - In 1987 prior to UST decommissioning and in 2007 after subsurface investigation. *Extent of soil contamination* - Petroleum impacts detected at 10 feet in SB-3. *Extent of groundwater contamination* - Groundwater was not encountered in explorations to max depth of 30 feet bgs *Other Media Impacted* - None known *Cleanup (interim) actions to date* - In 1988, 396 yards of impacted soil was removed. *Data gaps* - Soil in the vicinity of SB-3 and dispensers.	Remedial Investigation Pilot Test/Feasibility Study Cleanup Action Plan System Installation, if necessary Active Remediation, if necessary Groundwater Monitoring Confirmation Borings, if necessary NFA or PS
92995084	961614156	NW0583	3800 NE 4th	Renton	King	CRA	1Q 2008		
								NFA letter issued May 10, 2007.	
90876983	5629973	NW1918	2903 78th Ave SE	Mercer Island	King	CRA	1Q 2008		
								NFA letter issued November 8, 2008.	
97605409	62733631	NW1632	606 164th Street SW / 6th Ave W	Lynnwood	Snohomish	CRA	1Q 2008		
								NFA letter issued July 3, 2008.	



Notes

- Ecology 90 day review requirement
- Document deliverable milestone
- Cleanup Action Report submittal - includes NFA request, NFA request with environmental covenant, NFA request using Method B or conditional points of compliance, property or media specific partial sufficiency.

2019+ - Site NFA or PS date has not yet been set.