

AR TARGET SHEET

The following document was too large to scan as one unit; therefore, it has been broken down into sections.

DOCUMENT# 0514817

TITLE WIDS Sites Included in Submittal
300-FF-2

EDMC# 0053006

SECTION 1 of 4

WIDS Sites Included in Submittal

Operable Unit	Site Code	Site Names	Change in Status
300-FF-2	300 IFBD	300 IFBD, 300 Area Interim Filter Backwash Disposal	Reclassified as Rejected
300-FF-2	300 PHWSA	300 PHWSA, 300 Area Powerhouse HWSA, 300 Area Powerhouse Hazardous Waste Storage Area	Reclassified as Rejected
300-FF-2	300 SE	300 SE, 300 Area Solvent Evaporator, Solvent Evaporator, 300 ASE	Reclassified as Closed Out
300-FF-2	300 SSS	300 SSS, 300 Area Sanitary Sewer System	Classified as Rejected
300-FF-2	300-1	300-1, Old North Richland Automotive Maintenance Yard	Reclassified as No Action
300-FF-2	300-10	300-10, Burial Trench West of Process Trenches	Reclassified as Closed Out
300-FF-2	300-14	300-14, 331 Building Animal Waste Tanks Pit	Reclassified as Rejected
300-FF-2	300-21	300-21, 333 Building Underground Limestone Tank	Classified as Rejected
300-FF-2	300-23	300-23, PRTR Diesel Storage Tank, 309-1 UST	Reclassified as Closed Out
300-FF-2	300-26	300-26, Powerhouse Fuel Oil Spill, 384 Powerhouse #6 Fuel Oil Spill, Delivery Truck Spillage on Roads	Reclassified as Rejected
300-FF-2	300-27	300-27, Soil Contamination at 329 Biophysics Laboratory	Reclassified as Rejected
300-FF-2	300-30	300-30, 3705 Photography Building	Reclassified as Rejected
300-FF-2	300-35	300-35, 3706A Fuel Storage Tank	Reclassified as Closed Out
300-FF-2	300-36	300-36, 384 Powerhouse Oil Release to French Drain	Classified as Rejected
300-FF-2	300-37	300-37, PCB Leak to Soil Adjacent to 335A	Reclassified as Closed Out
300-FF-2	300-42	300-42, 306E Fabrication and Testing Laboratory	Classified as Rejected
300-FF-2	300-45	300-45, Surface Contamination Area, Location 3: Bird Droppings Area (Southwest corner of the 316-5 process Trenches Fence Line). SCA #1	Reclassified as Closed Out
300-FF-2	300-47	300-47, Residual Hazardous Substances Northwest of 3708 Building	Classified as Rejected
300-FF-2	300-53	300-53, Unplanned Release East Side of 303-G	Reclassified as Closed Out
300-FF-2	300-55	300-55, 309 Rupture Loop Holding Tank, Rupture Loop Hold-up Tank, RLT-2, 307-D	Reclassified as Rejected
300-FF-2	300-56	300-56, 306-E 90-Day Waste Accumulation Area	Reclassified as Rejected
300-FF-2	300-57	300-57, 335 Building 90-Day Waste Accumulation Area	Reclassified as Closed Out
300-FF-2	300-59	300-59, 305 Building Steam Condensate, Miscellaneous Stream #417	Reclassified as Rejected

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WIDS Sites Included in Submittal

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300-FF-2	300-60	300-60, 303A Building Steam Condensate, Miscellaneous Stream #339, F.D. #26	Reclassified as Rejected
300-FF-2	300-61	300-61, 303B Building Steam Condensate, Miscellaneous Stream #444, Injection Well #12	Reclassified as Rejected
300-FF-2	300-64	300-64, 303F Building Steam Condensate, Miscellaneous Stream #352	Reclassified as Rejected
300-FF-2	300-67	300-67, Steam Condensate from 300 Area Main Steam Header, Miscellaneous Stream #414	Reclassified as Rejected
300-FF-2	300-68	300-68, 305 Building - Steam Condensate, Miscellaneous Stream #451, Pit U23	Reclassified as Rejected
300-FF-2	300-69	300-69, 305 Building Steam Condensate, Miscellaneous Stream #415	Reclassified as Rejected
300-FF-2	300-70	300-70, 305 Building Steam Condensate, Miscellaneous Stream #416	Reclassified as Rejected
300-FF-2	300-71	300-71, 306E Building - HVAC Condensate, Miscellaneous Stream #454	Reclassified as Rejected
300-FF-2	300-72	300-72, 308 Building Stormwater Runoff, Miscellaneous Stream #404	Classified as Rejected
300-FF-2	300-73	300-73, 308 Building Stormwater Runoff, Miscellaneous Stream #405	Classified as Rejected
300-FF-2	300-74	300-74, 308 Building Stormwater Runoff, Miscellaneous Stream #406	Classified as Rejected
300-FF-2	300-75	300-75, 309 Building Stormwater Runoff and Chiller Water, Miscellaneous Stream #445, Injection Well #20	Reclassified as Rejected
300-FF-2	300-77	300-77, 309 Building Stormwater Runoff, Miscellaneous Stream #450	Classified as Rejected
300-FF-2	300-78	300-78, 300 Area Main Header Steam Trap (Southwest Corner of 313 Building), Miscellaneous Stream #331	Reclassified as Rejected
300-FF-2	300-79	300-79, 313 Building Stormwater Runoff, Miscellaneous Stream #457	Classified as Rejected
300-FF-2	300-81	300-81, 321 Building Steam Condensate, Miscellaneous Stream #370	Reclassified as Rejected
300-FF-2	300-82	300-82, 321 Building Steam Condensate, Miscellaneous Stream #371	Reclassified as Rejected
300-FF-2	300-83	300-83, 321 Building Steam Condensate, Miscellaneous Stream #372	Reclassified as Rejected
300-FF-2	300-84	300-84, 321 Building Vent Valve on Water Line, Miscellaneous Stream #348	Reclassified as Rejected
300-FF-2	300-86	300-86, 300 Area South Parking Lot Stormwater Runoff, Miscellaneous Stream #524	Reclassified as Rejected
300-FF-2	300-87	300-87, 309 Building Stormwater Runoff, Miscellaneous Stream #679	Classified as Rejected
300-FF-2	300-92	300-92, 321 Building Stormwater Runoff, Miscellaneous Stream #680	Reclassified as Rejected
300-FF-2	300-93	300-93, 324 Building Stormwater Runoff, Miscellaneous Stream #354	Classified as Rejected

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Operable Unit	Site Code	Site Names	Change in Status
300-FF-2	300-94	300-94, 324 Building Stormwater Runoff, Miscellaneous Stream #711, 300-234	Classified as Rejected
300-FF-2	300-95	300-95, 324/336 Buildings Stormwater Runoff and Steam Condensate; Miscellaneous Stream #425	Reclassified as Rejected
300-FF-2	300-102	300-102, 328 Building Steam Condensate, Miscellaneous Stream #353	Reclassified as Rejected
300-FF-2	300-112	300-112, 340 P-3 Pump Pit, Retention Process Sewer Pump Pit #3 French Drain, Miscellaneous Stream #428	Reclassified as Rejected
300-FF-2	300-113	300-113, 340 Building Steam Condensate/ Water Heater Overflow, Miscellaneous Stream #341	Reclassified as Rejected
300-FF-2	300-114	300-114, 340A Building Steam Condensate, Miscellaneous Stream #427	Reclassified as Rejected
300-FF-2	300-115	300-115, 340B Building Backflow Preventer Emergency Drain, Miscellaneous Stream #426	Classified as Rejected
300-FF-2	300-116	300-116, 3506A Building Steam Condensate, Miscellaneous Stream #381	Reclassified as Rejected
300-FF-2	300-117	300-117, 3506A Building Steam Condensate, Miscellaneous Stream #382	Reclassified as Rejected
300-FF-2	300-118	300-118, 3621D Building Steam Condensate, Miscellaneous Stream #700, Pit U-7.	Reclassified as Rejected
300-FF-2	300-119	300-119, 3621D HVAC Condensate, Miscellaneous Stream #401, 3621D Air/Condensate Blowdown Drain	Reclassified as Rejected
300-FF-2	300-120	300-120, 3621D Building Diesel Generator Cooling System Condensate, Miscellaneous Stream #402, 3621D Air Driven Starter Motor Discharge Drain	Reclassified as Rejected
300-FF-2	300-122	300-122, 366 Building Fuel Oil Bunker Loading Station Steam Condensate, Miscellaneous Stream #344	Reclassified as Rejected
300-FF-2	300-124	300-124, 366 Building Fuel Oil Bunker Steam Condensate, Miscellaneous Stream #653	Reclassified as Rejected
300-FF-2	300-125	300-125, 3702 Building Steam Condensate, Miscellaneous Stream #346	Reclassified as Rejected
300-FF-2	300-126	300-126, 3703 Building Steam Condensate, Miscellaneous Stream #431	Reclassified as Rejected
300-FF-2	300-127	300-127, 3705 Building Stormwater Runoff, Miscellaneous Stream #410	Classified as Rejected
300-FF-2	300-128	300-128, 3705 Building Stormwater Runoff, Miscellaneous Stream #411	Classified as Rejected
300-FF-2	300-129	300-129, 3705 Building Stormwater Runoff, Miscellaneous Stream #412	Classified as Rejected
300-FF-2	300-130	300-130, 3705 Building Stormwater Runoff, Miscellaneous Stream #413	Classified as Rejected
300-FF-2	300-131	300-131, 3706 Fire Sprinkler System Water, Miscellaneous Stream #515	Reclassified as Rejected
300-FF-2	300-132	300-132, 3706 Building Steam Condensate, Miscellaneous Stream #368	Reclassified as Rejected
300-FF-2	300-133	300-133, 3706 Building Steam Condensate, Miscellaneous Stream #367, Injection Well #27	Reclassified as Rejected

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Operable Unit	Site Code	Site Names	Change in Status
300-FF-2	300-134	300-134, 3706 Building Steam Condensate, Miscellaneous Stream #362	Reclassified as Rejected
300-FF-2	300-135	300-135, 3706 Building Steam Condensate, Miscellaneous Stream #365	Reclassified as Rejected
300-FF-2	300-136	300-136, 3706 Building Steam Condensate, Miscellaneous Stream #366	Reclassified as Rejected
300-FF-2	300-137	300-137, 3706 Building Steam Condensate, Miscellaneous Stream #440	Reclassified as Rejected
300-FF-2	300-138	300-138, 3706 Building Steam Condensate, Miscellaneous Stream #360	Reclassified as Rejected
300-FF-2	300-139	300-139, 3706 Building Steam Condensate, Miscellaneous Stream #357	Reclassified as Rejected
300-FF-2	300-140	300-140, 3706 Building Steam Condensate, Miscellaneous Stream #356	Reclassified as Rejected
300-FF-2	300-141	300-141, 3706 Building Steam Condensate, Miscellaneous Stream #439, Injection Well #29	Reclassified as Rejected
300-FF-2	300-142	300-142, 3706 Building Steam Condensate, Miscellaneous Stream #369, Injection Well #30	Reclassified as Rejected
300-FF-2	300-143	300-143, 3706 Building Steam Condensate, Miscellaneous Stream #361	Reclassified as Rejected
300-FF-2	300-144	300-144, 3706 Building Steam Condensate, Miscellaneous Stream #358	Reclassified as Rejected
300-FF-2	300-145	300-145, 3706 Building Steam Condensate, Miscellaneous Stream #438, Injection Well #25	Reclassified as Rejected
300-FF-2	300-146	300-146, 3706 Building Stormwater Runoff, Miscellaneous Stream #364	Reclassified as Rejected
300-FF-2	300-147	300-147, 3706 Building Stormwater Runoff, Miscellaneous Stream #363	Reclassified as Rejected
300-FF-2	300-148	300-148, 3706 Building Stormwater Runoff, Miscellaneous Stream #359, Injection Well #22	Reclassified as Rejected
300-FF-2	300-149	300-149, 3706A Building Steam Condensate, Miscellaneous Stream #432, Injection Well #28	Reclassified as Rejected
300-FF-2	300-150	300-150, 3706 Building Steam Condensate, Miscellaneous Stream #430	Reclassified as Rejected
300-FF-2	300-151	300-151, 3707B Building Steam Condensate, Miscellaneous Stream #327	Reclassified as Rejected
300-FF-2	300-152	300-152, 3707B Building Steam Condensate, Miscellaneous Stream #326, U57	Reclassified as Rejected
300-FF-2	300-153	300-153, 3707B Building Steam Condensate, Miscellaneous Stream #328	Reclassified as Rejected
300-FF-2	300-154	300-154, 3707B Building Steam Condensate, Miscellaneous Stream #325	Reclassified as Rejected
300-FF-2	300-155	300-155, 3707C Building Steam Condensate, Miscellaneous Stream #179, Injection Well #24	Reclassified as Rejected
300-FF-2	300-156	300-156, 3707C Building Steam Condensate, Miscellaneous Stream #178, Injection Well #23	Reclassified as Rejected

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300-FF-2	300-157	300-157, 3707C Building Steam Condensate, Miscellaneous Stream #337	Reclassified as Rejected
300-FF-2	300-158	300-158, 3707C Building Steam Condensate, Miscellaneous Stream #336, F.D. #31	Reclassified as Rejected
300-FF-2	300-159	300-159, 3707C Building Steam Condensate, Miscellaneous Stream #335, F.D. #4	Reclassified as Rejected
300-FF-2	300-160	300-160, 3707D Building Steam Condensate, Miscellaneous Stream #443, Injection Well #10	Reclassified as Rejected
300-FF-2	300-161	300-161, 3707D Building Stormwater Runoff, Miscellaneous Stream #441	Reclassified as Rejected
300-FF-2	300-162	300-162, 3707D Building Stormwater Runoff, Miscellaneous Stream #442	Reclassified as Rejected
300-FF-2	300-164	300-164, 3709 Building Steam Condensate, Miscellaneous Stream #338, F.D. #3	Reclassified as Rejected
300-FF-2	300-165	300-165, 3709A Building Condensate, Miscellaneous Stream #347	Reclassified as Rejected
300-FF-2	300-166	300-166, 3709A Building Steam Trap, Miscellaneous Stream #355	Reclassified as Rejected
300-FF-2	300-167	300-167, 3711 Building Steam Condensate, Miscellaneous Stream #343	Reclassified as Rejected
300-FF-2	300-168	300-168, 3711 Building Steam Condensate, Miscellaneous Stream #433	Reclassified as Rejected
300-FF-2	300-169	300-169, 3712 Building Steam Condensate, Miscellaneous Stream #351	Reclassified as Rejected
300-FF-2	300-170	300-170, 3712 Building Steam Condensate, Miscellaneous Stream #437	Reclassified as Rejected
300-FF-2	300-172	300-172, 3713 Building Steam Condensate, Miscellaneous Stream #435	Reclassified as Rejected
300-FF-2	300-173	300-173, 3713 Building Steam Condensate, Miscellaneous Stream #512	Reclassified as Rejected
300-FF-2	300-174	300-174, 3713 Building Stormwater Runoff and Steam Condensate, Miscellaneous Stream #544	Reclassified as Rejected
300-FF-2	300-176	300-176, 3715 Building Steam Condensate, Miscellaneous Stream #678	Reclassified as Rejected
300-FF-2	300-177	300-177, 3717 Building Steam Condensate, Miscellaneous Stream #330	Reclassified as Rejected
300-FF-2	300-178	300-178, 3717 Building Steam Condensate, Miscellaneous Stream #329	Reclassified as Rejected
300-FF-2	300-179	300-179, 3717 Building Steam Condensate, Miscellaneous Stream #324	Reclassified as Rejected
300-FF-2	300-180	300-180, 3717 Building Stormwater Runoff, Miscellaneous Stream #545	Classified as Rejected
300-FF-2	300-181	300-181, 3717 Building Steam Condensate, Miscellaneous Stream #180	Reclassified as Rejected
300-FF-2	300-182	300-182, 3717B Building Steam Condensate, Miscellaneous Stream #323	Reclassified as Rejected

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300-FF-2	300-183	300-183, 3718 Building Steam Condensate, Miscellaneous Stream #340, F.D. #40	Reclassified as Rejected
300-FF-2	300-185	300-185, 3722 Building Steam Condensate, Miscellaneous Stream #436, Injection Well #6	Reclassified as Rejected
300-FF-2	300-192	300-192, 3732 Building Steam Condensate, Miscellaneous Stream #349	Reclassified as Rejected
300-FF-2	300-193	300-193, 3732 Building Steam Condensate, Miscellaneous Stream #419, Injection Well #15	Reclassified as Rejected
300-FF-2	300-194	300-194, 3734 Building Steam Condensate, Miscellaneous Stream #334, F.D. #8	Reclassified as Rejected
300-FF-2	300-195	300-195, 3734A Building Steam Condensate, Miscellaneous Stream #519	Reclassified as Rejected
300-FF-2	300-202	300-202, 3765 Building HVAC Condensate, Miscellaneous Stream #345	Reclassified as Rejected
300-FF-2	300-204	300-204, 3790 Building Stormwater Runoff, Miscellaneous Stream #378, F.D. #19, Injection Well #19	Classified as Rejected
300-FF-2	300-205	300-205, 3790 Building Stormwater Runoff, Miscellaneous Stream #377, F.D. #18, Injection Well #18	Classified as Rejected
300-FF-2	300-206	300-206, 3790 Building Stormwater Runoff, Miscellaneous Stream #373	Classified as Rejected
300-FF-2	300-207	300-207, 3790 Building Stormwater Runoff, Miscellaneous Stream #375, F.D. #16, Injection Well #16	Classified as Rejected
300-FF-2	300-208	300-208, 3790 Building Stormwater Runoff, Miscellaneous Stream #376, F.D. #17, Injection Well #17	Classified as Rejected
300-FF-2	300-209	300-209, 3790 Building Stormwater Runoff, Miscellaneous Stream #374	Classified as Rejected
300-FF-2	300-210	300-210, 3790 Building Stormwater Runoff, Miscellaneous Stream #514	Classified as Rejected
300-FF-2	300-211	300-211, 382 Building Steam Condensate, Miscellaneous Stream #429	Reclassified as Rejected
300-FF-2	300-213	300-213, West High Tank (Water Tower) Overflow and Steam Condensate, Miscellaneous Stream #332	Reclassified as Rejected
300-FF-2	300-215	300-215, 300 Area South	Reclassified as Rejected
300-FF-2	300-217	300-217, 300 Area Laydown Yard	Classified as Rejected
300-FF-2	300-220	300-220, Gravel Pit #7	Classified as Rejected
300-FF-2	300-225	300-225, 3790 Building Stormwater Runoff, Miscellaneous Stream #767	Classified as Rejected
300-FF-2	300-226	300-226, 3709A Building Miscellaneous Stream #768, Drip Station U39	Reclassified as Rejected
300-FF-2	300-227	300-227, 3709A Building Miscellaneous Stream #769, Drip Station U38	Reclassified as Rejected
300-FF-2	300-228	300-228, Miscellaneous Stream #770, Drip Station U28, Steam Trap 3G-U28, HPD-TRP-026	Reclassified as Rejected

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300-FF-2	300-230	300-230, Steam Trap 3G-U44, HPD-TRP-29, U44, Miscellaneous Stream #771	Reclassified as Rejected
300-FF-2	300-231	300-231, Vitrification Test Site Transformer Pad, Substation C3-S15	Reclassified as Closed Out
300-FF-2	300-235	300-235, 3713 Building Storm Water Runoff and Steam Condensate, Miscellaneous Stream #766	Reclassified as Rejected
300-FF-2	300-236	300-236, Steam Trap 3G-U45, HPD-TRP-020, U-45, Miscellaneous Stream #772	Reclassified as Rejected
300-FF-2	300-237	300-237, Steam Trap HPD-TRP-010, Miscellaneous Stream #773	Reclassified as Rejected
300-FF-2	300-238	300-238, Steam Trap 3G-U24, HPD-TRP-016, U-24, Miscellaneous Stream #774	Reclassified as Rejected
300-FF-2	300-239	300-239, Steam Trap 3G-U26, HPD-TRP-058, U26, Miscellaneous Stream #775	Reclassified as Rejected
300-FF-2	300-248	300-248, 340B Steam Condensate Sump Pit	Reclassified as Rejected
300-FF-2	300-250	300-250, Valve Pit Southeast of 303A	Classified as Rejected
300-FF-2	300-253	300-253, 384-W Original Brine Pit, 384-W Original Salt Dissolving Pit and Brine Pump Pit	Reclassified as No Action
300-FF-2	300-261	300-261, 315 Filter Plant Process Sewer to River	Reclassified as Rejected
300-FF-2	304 CF	304 CF, 304 Concretion Facility	Reclassified as Closed Out
300-FF-2	304 SA	304 SA, 304 Storage Area, 304 Building Storage Area	Reclassified as Closed Out
300-FF-2	311 MT1	311 MT1, 311 Methanol Tank 1, 311 Tank Farm Underground Methanol Tank #1, 311-1	Reclassified as Closed Out
300-FF-2	311 MT2	311 MT2, 311 Methanol Tank 2, 311 Tank Farm Underground Methanol Tank #2, 311-2	Reclassified as Closed Out
300-FF-2	313 CRO	313 CRO, 313 Copper Remelt Operations, 313 Building Copper Remelt Operations	Classified as Rejected
300-FF-2	313 MT	313 MT, 313 Methanol Tank, 313 Building Underground Methanol Storage Tank	Reclassified as Closed Out
300-FF-2	313 URO	313 URO, 313 Uranium Recovery Operations, Uranium Recovery Operations	Reclassified as Closed Out
300-FF-2	315 RSDF	315 RSDF, 315 Retired Sanitary Drain Field	Reclassified as Rejected
300-FF-2	333 ESHTSSA	333 ESHTSSA, 333 East Side Heat Treat Salt Storage Area	Reclassified as Rejected
300-FF-2	333 LHWSA	333 LHWSA, 333 Laydown HWSA, 333 Laydown Hazardous Waste Storage Area	Reclassified as Rejected
300-FF-2	335 & 336 RSDF	335 & 336 RSDF, 335 & 336 Retired Sanitary Drain Field	Reclassified as Rejected
300-FF-2	340 CHWSA	340 CHWSA, 340 Complex HWSA, 340 Complex Hazardous Waste Storage Area	Reclassified as Rejected

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300-FF-2	350 HWSA	350 HWSA, 350 Building Hazardous Waste Storage Area, 350-D Hazardous Waste Staging Area	Reclassified as Rejected
300-FF-2	3713 PSHWSA	3713 PSHWSA, 3713 Paint Shop Hazardous Waste Satellite Area	Reclassified as Rejected
300-FF-2	3713 SSHWSA	3713 SSHWSA, 3713 Sign Shop Hazardous Waste Satellite Area	Reclassified as Rejected
300-FF-2	3718-F BS	3718-F BS, 3718-F Burn Shed	Reclassified as Closed Out
300-FF-2	3718-F SF	3718-F SF, 3718-F Storage Facility, 3718-F Alkali Metal Treatment Facility	Reclassified as Closed Out
300-FF-2	3718-F TT1	3718-F TT1, 3718-F Treatment Tank 1	Reclassified as Closed Out
300-FF-2	3718-F TT2	3718-F TT2, 3718-F Treatment Tank 2	Reclassified as Closed Out
300-FF-2	3746-D SR	3746-D SR, 3746-D Silver Recovery, 3746-D Silver Recovery Process	Reclassified as Rejected
300-FF-2	400 FD1A	400 FD1A, 400 Area French Drain 1A, 4717 Reactor Service Building HVAC Condensate, Miscellaneous Stream #14, Injection Well #1A	Reclassified as Rejected
300-FF-2	400 FD1B	400 FD1B, 400 Area French Drain 1B, 4703 Building (FFTF Control Building) HVAC Condensate, Miscellaneous Stream #15, Injection Well #1B	Reclassified as Rejected
300-FF-2	400 FD2	400 FD2, 400 Area French Drain 2, 4621E Building HVAC Condensate and Stormwater, Miscellaneous Stream #16, Injection Well #02	Reclassified as Rejected
300-FF-2	400 FD3	400 FD3, 400 Area French Drain 3, 408A East Dump Heat Exchanger Stormwater, Miscellaneous Stream #17, Injection Well #03	Reclassified as Rejected
300-FF-2	400 FD4	400 FD4, 400 Area French Drain 4, 491E Heat Transport Building Stormwater and HVAC Condensate, Miscellaneous Stream #18	Reclassified as Rejected
300-FF-2	400 FD5	400 FD5, 400 Area French Drain 5, 408 South Building Stormwater and Condensate, Miscellaneous Stream #19, Injection Well #05	Reclassified as Rejected
300-FF-2	400 FD6	400 FD6, 400 Area French Drain 6, 408C West Dump Heat Exchanger Sump Stormwater, Miscellaneous Stream #20	Reclassified as Rejected
300-FF-2	400 FD7	400 FD7, 400 Area French Drain 7, 4621W Auxiliary Equipment Building HVAC Condensate and Stormwater, Miscellaneous Stream #21, 453C Switch Gear Pad Stormwater, Miscellaneous Stream #27, Injection Well #07	Reclassified as Rejected
300-FF-2	400 FD8	400 FD8, 400 Area French Drain 8, 4621W Auxiliary Equipment Building HVAC Condensate, Miscellaneous Stream #22, Injection Well #08	Reclassified as Rejected
300-FF-2	400 FD9	400 FD9, 400 Area French Drain 9, 481 Pumphouse Sanitary Water and Salt Water, Miscellaneous Stream #23, Injection Well #09	Reclassified as Rejected

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300-FF-2	400 FD10	400 FD10, 400 Area French Drain 10, 482A Building - T-58 Stormwater, Miscellaneous Stream #25, Injection Well #10	Classified as Rejected
300-FF-2	400 FD10A	400 FD10A, 400 Area French Drain 10A, 482A Building -T-87 Stormwater, Miscellaneous Stream #24, Injection Well #10A	Classified as Rejected
300-FF-2	400 RFD	400 RFD, 400 Area Retired French Drains	Classified as Rejected
300-FF-2	400 RSP	400 RSP, 400 Area Retired Sanitary Pond	Reclassified as Rejected
300-FF-2	400 RST	400 RST, 400 Area Retired Septic Tanks	Reclassified as Rejected
300-FF-2	400 SBT	400 SBT, 400 Area Sand Bottom Trench, 400 Area Retired Sand Bottom Trench, Cooling Tower Overflow Trench	Classified as Rejected
300-FF-2	400 SS	400 SS, 400 Area Sanitary Sewer, 4608 Sanitary Sewer, 4608 SS	Reclassified as Rejected
300-FF-2	400 STF	400 STF, 400 Area Sanitary Tile Field, 4608 Sanitary Tile Field, 4608 STF	Reclassified as Rejected
300-FF-2	400-1	400-1, 400-1 Dump Site	Reclassified as Rejected
300-FF-2	400-2	400-2, Concrete Batch Plant	Classified as Rejected
300-FF-2	400-3	400-3, 400 DT, 400 Area Drainage Trench, 400 Area Storm Drain Outfall Trench, Miscellaneous Stream #732	Classified as Rejected
300-FF-2	400-4	400-4, Suspected Burial Ground (East of FFTF)	Reclassified as Rejected
300-FF-2	400-5	400-5, Septic Tank or Cistern	Reclassified as Closed Out
300-FF-2	400-6	400-6, Material Dumping Area (North of FFTF), Material Dumping Area and Building Foundation	Reclassified as Rejected
300-FF-2	400-7	400-7, 4607 SSST, 4607 Sanitary Sewer Septic Tank, 4607 SS, 4607 Sanitary Sewer	Reclassified as Rejected
300-FF-2	400-8	400-8, Construction Material Dumping Area (North of FFTF)	Reclassified as Rejected
300-FF-2	400-9	400-9, 400 RPSSTP, 400 Area Retired Portable Sanitary Sewer Treatment Plant	Reclassified as Rejected
300-FF-2	400-10	400-10, 400 FD11, 400 Area French Drain #11, 453B Switch Gear Pad Stormwater, Miscellaneous Stream #26, Injection Well #11	Classified as Rejected
300-FF-2	400-11	400-11, 4607 SSL, 4607 Sanitary Sewer Lagoon, 400 Area Wetlands	Reclassified as Rejected
300-FF-2	400-12	400-12, 4607 STF, 4607 Sanitary Tile Field, 4608A Sanitary Sewer Leaching Field, 4608A Leaching Field	Reclassified as Rejected
300-FF-2	400-13	400-13, Waste Dumping Site (East of FFTF)	Reclassified as Rejected
300-FF-2	400-14	400-14, Burn Pit (East of FFTF)	Reclassified as Rejected

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Operable Unit	Site Code	Site Names	Change in Status
300-FF-2	400-16	400-16, 4831 Flammable Storage Facility, 4831 FSF	Reclassified as Rejected
300-FF-2	400-17	400-17, Buried Construction Waste Area #1, Buried Construction Waste Area	Reclassified as Rejected
300-FF-2	400-18	400-18, Buried Construction Waste Area #2, Buried Construction Waste Area	Reclassified as Rejected
300-FF-2	400-19	400-19, Hazardous Waste Temporary Storage Facility, 400-30, 440 Building 90-Day Waste Accumulation Area	Reclassified as Rejected
300-FF-2	400-20	400-20, Altitude Valve Pit T-58, Miscellaneous Stream #31	Classified as Rejected
300-FF-2	400-21	400-21, Altitude Valve Pit T-87, Miscellaneous Stream #32	Classified as Rejected
300-FF-2	400-22	400-22, Altitude Valve Pit T-330 French Drain, Miscellaneous Stream #30	Classified as Rejected
300-FF-2	400-23	400-23, Well Pump P-14 French Drain, Miscellaneous Stream #34, 480-A Pump House French Drain	Reclassified as Rejected
300-FF-2	400-24	400-24, Well Pump P-15 French Drain, Miscellaneous Stream #35	Reclassified as Rejected
300-FF-2	400-25	400-25, Well Pump P-16 French Drain, Miscellaneous Stream #36	Reclassified as Rejected
300-FF-2	400-26	400-26, 451-A Substation and B/N Plant French Drain	Classified as Rejected
300-FF-2	400-28	400-28, FFTF Dichlorodifluoromethane Releases	Classified as Rejected
300-FF-2	400-29	400-29, FFTF PCB Containing Transformers	Classified as Rejected
300-FF-2	400-32	400-32, U.G. Dry Well - North, Construction Dry Well	Reclassified as Rejected
300-FF-2	400-33	400-33, U.G. Dry Well - South, Construction Dry Well	Reclassified as Rejected
300-FF-2	400-34	400-34, Northwest Surface Water Drainage Ditch, Miscellaneous Stream #733	Classified as Rejected
300-FF-2	400-35	400-35, Southwest Surface Water Drainage Ditch, Miscellaneous Stream #734	Classified as Rejected
300-FF-2	403 FD	403 FD, Discharge point from the 403 Building, 403 French Drain, 400 Area French Drain Discharge from 403, 400 Area Drain Discharge from 403, Miscellaneous Stream #37	Reclassified as Rejected
300-FF-2	427 HWSA	427 HWSA, 427 Building Fuel Cycle Plant Hazardous Waste Storage Area, 427 Building Fuels and Materials Exam. Facility HWSA	Reclassified as Closed Out
300-FF-2	4713-B FD	4713-B FD, 4713-B French Drain, Miscellaneous Stream #33	Reclassified as Rejected
300-FF-2	4713-B HWSA	4713-B HWSA, 4713-B Hazardous Waste Storage Area	Reclassified as Rejected
300-FF-2	4713-B LDFD	4713-B LDFD, 4713-B Loading Dock French Drain, Miscellaneous Stream #469	Reclassified as Rejected

WIDS Sites Included in Submittal

Operable Unit	Site Code	Site Names	Change in Status
300-FF-2	4721 FD	4721 FD, 4721 French Drain, 400 Area French Drain Discharge from 4721 Building, Miscellaneous Stream #28	Reclassified as Rejected
300-FF-2	4722 PSHWSA	4722 PSHWSA, 4722 Paint Shop HWSA, 4722 Paint Shop Hazardous Waste Storage Area, 4722-C Hazardous Waste Storage Area	Reclassified as Rejected
300-FF-2	4722-B FD	4722-B FD, 4722-B French Drain	Reclassified as Rejected
300-FF-2	4722-C FD	4722-C FD, 4722-C French Drain, French Drain South of 4722-C, Miscellaneous Stream #29	Reclassified as Rejected
300-FF-2	4831 LHWSA	4831 LHWSA, 4831 Laydown HWSA, 4831 Laydown Hazardous Waste Storage Area, 4831 Flammable Storage Facility	Reclassified as Closed Out
300-FF-2	4843	4843, 4843 Building, 4843 Alkali Metal Storage Facility, 4843 AMSF, 4843 FTF Sodium Storage, 4843 Laydown Area Warehouse	Reclassified as Closed Out
300-FF-2	600-1	600-1, Westinghouse Debris Pit	Reclassified as Rejected
300-FF-2	600-22	600-22, UFO Landing Site	Reclassified as No Action
300-FF-2	600-46	600-46, "Cutup" Oil Dump	Reclassified as Closed Out
300-FF-2	600-64	600-64, Underground Sanitary Sewer Line from 400 Area to WPPSS, Sanitary Waste Tie-Line from the 400 Area to WPPSS	Classified as Rejected
300-FF-2	600-96	600-96, 618-10 Borrow Pit	Classified as Rejected
300-FF-2	600-97	600-97, 618-11 Borrow Pit	Classified as Rejected
300-FF-2	600-155	600-155, Dumping Area Upstream of River Mile Marker 35 Identified During RCRA General Inspection #HIRIV-FY96 Item #7	Classified as Rejected
300-FF-2	600-210	600-210, 300 Area TEDF Outfall	Classified as Rejected
300-FF-2	600-244	600-244, Gravel Pit #6	Classified as Rejected
300-FF-2	600-245	600-245, Gravel Pit #8	Classified as Rejected
300-FF-2	600-246	600-246, Gravel Pit #9, Inert/Demolition Waste Landfill (Pit 9)	Reclassified as Rejected
300-FF-2	600-247	600-247, Gravel Pit #10, Inert Landfill (Pit 10)	Reclassified as Rejected
300-FF-2	600-248	600-248, Gravel Pit #11	Classified as Rejected
300-FF-2	600-249	600-249, Debris Within Gravel Pit #6	Reclassified as Rejected
300-FF-2	600-255	600-255, 300 Area Stormwater Percolation Pond	Classified as Rejected

WIDS Sites Included in Submittal

Operable Unit	Site Code	Site Names	Change in Status
300-FF-2	618-6	618-6, Solid Waste Burial Ground #6	Reclassified as Rejected
300-FF-2	618-9	618-9, 300 West Burial Ground, 318-9, Dry Waste Burial Site No. 9	Reclassified as Closed Out
300-FF-2	UPR-300-13	UPR-300-13, UN-300-13, Acid Neutralization Tank Leak East of 333 Building	Reclassified as Rejected
300-FF-2	UPR-300-14	UPR-300-14, UN-300-14, Acid Leak at 334 Tank Farm	Reclassified as Rejected
300-FF-2	UPR-300-18	UPR-300-18, UN-300-18	Classified as Rejected
300-FF-2	UPR-300-31	UPR-300-31, UN-300-31	Classified as Rejected
300-FF-2	UPR-300-41	UPR-300-41, 300 Area #340 Building Phosphoric Acid Spill, UN-300-41	Reclassified as Closed Out
300-FF-2	UPR-300-43	UPR-300-43, 300 Area Solvent Refined Coal Spill, UN-300-43	Reclassified as Rejected
300-FF-2	UPR-300-44	UPR-300-44, 313 Building, Uranium Bearing Waste Etch-Acid Spill, UN-300-44	Reclassified as Rejected
300-FF-2	UPR-400-1	UPR-400-1, 400 Area Coolant Spill, UN-400-1	Reclassified as Rejected
300-FF-2	UPR-600-1	UPR-600-1, Contamination Spread at 618-10 Burial Ground, UN-600-1	Reclassified as Rejected
300-FF-2	UPR-600-2	UPR-600-2, Contamination Spread at 618-10, UN-600-2	Reclassified as Rejected
300-FF-2	UPR-600-3	UPR-600-3, Contamination Spread at 618-10	Reclassified as Rejected
300-FF-2	UPR-600-4	UPR-600-4, Contamination Spread at 618-11	Reclassified as Rejected
300-FF-2	UPR-600-5	UPR-600-5, Contamination Spread at 618-11	Reclassified as Rejected
300-FF-2	UPR-600-6	UPR-600-6, Contamination Spread at 618-11	Reclassified as Rejected
300-FF-2	UPR-600-7	UPR-600-7, Contamination Spread at 618-11	Reclassified as Rejected
300-FF-2	UPR-600-8	UPR-600-8, Contamination Spread at 618-11	Reclassified as Rejected
300-FF-2	UPR-600-9	UPR-600-9, Contamination Spread at 618-11	Reclassified as Rejected
300-FF-2	UPR-600-10	UPR-600-10, Contamination Spread at 618-11	Reclassified as Rejected
300-FF-2	UPR-600-11	UPR-600-11, Contaminated Soil Dumped at JA Jones Pit #1	Reclassified as Closed Out

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300 IFBD	Site Reclassification Status: Rejected	Page 1
Site Names:	300 IFBD, 300 Area Interim Filter Backwash Disposal	
Site Type:	Depression/Pit (nonspecific)	Start Date: 1987
Status:	Inactive	End Date: 1987
Operable Unit:	300-FF-2	Coordinates:
Hanford Area:	300	(E) 593392.125
		(N) 116164.164
		Washington State Plane

Site Description: This site was a temporary disposal area for filter backwash from the 300 Area Filter Water Plant. There is a large, depressed area on the east side of the Gravel Pit 6 property that forms a natural basin. There is a moderate amount of rabbit brush and grasses growing on it. There are no definite, visible signs that the area was used for backwash disposal. However, there are some truck tire tracks and evidence of some grayish, silty sand on the surface in some areas of the natural basin.

Location Description: The disposal area is located inside the Gravel Pit 6 property boundaries, south of the 300 Area Vitrification Test Site and west of the 300 Area. It is on the west side of Route 4 South. The depressed area believed to be the disposal site is on the east side of the property.

Process Description: The area was used to dispose of filter backwash material for four months (January through April) in 1987. Filter backwash effluent was trucked to this area.

Site Comment: In 1987, what is now called the 300 Area Retired Filter Backwash Pond (WIDS Site 300 RFBP) was discontinued. While the replacement pond, the 300 Area Filter Backwash Pond (WIDS Site 300 FBP), was being constructed, there was no pond available to dispose of the filter backwash effluent. During those four months, 2,460,000 liters (650,000 gallons) of water and sediment were trucked across Route 4S for disposal. The liquid was allowed to soak into the ground.

Although the exact discharge area cannot be confirmed, it is logical that an area of depression would be chosen for the liquid discharge. No conclusive visual evidence of the disposal activity remains on the surface today.

Environmental Monitoring Description: Ground water data for the 300 areas can be found in the Hanford Site Annual Ground Water Report listing (Appendix C).

- References:**
1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
 2. Julie Erickson, WIDS Site Modification: Consolidate 300-FF-2, -3, -4, and 300-IU-1 into 300-FF-2 (#94-277).
 3. CR Webb, 5/29/96, Personal Interview with Sam Camp of 300 Area Utilities: Status of the 300 Area Filter Backwash Ponds.
 4. CR Webb, 11-18-98, CC:Mail from Chris Webb to Linda Dietz regarding the Interim Filter Backwash Disposal site.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-70	Confirmed By Program:	Yes
DOE Division:	SID - Site Infrastructure Division		
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.		

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Water	Amount:	650,000.00
Category:	Nondangerous/nonradioactive	Units:	Gallons
Physical State:	Liquid		

Description: The unit received approximately 2,460,000 liters (650,000 gallons) of effluent from backwashing filters at the 300 Area Filter Water Plant (315 Building). The backwash was 90% river water. The sediment in the backwash contained alum which is used as a coagulating agent prior to filtration. Analysis of the backwash has shown it to be nonhazardous.

References:

1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
2. CR Webb, 5/29/96, Personal Interview with Sam Camp of 300 Area Utilities: Status of the 300 Area Filter Backwash Ponds.
3. CR Webb, 11-18-98, CC:Mail from Chris Webb to Linda Dietz regarding the Interim Filter Backwash Disposal site.

Field Work:

Type:	Site Walkdown		
Begin Date:	11/09/1998	Field Crew:	CR Webb
End Date:	11/09/1998		
Purpose:	Verification		
Comment:	There was a small amount of debris noticed in the area. There were some cans and metal scrap.		
Site Cover:	Moderate Vegetation		

Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	Yes
Vegetation Type:	Rabbitbrush		
Soil Texture:	Sand/Gravel (50% Sand, 50% Gravel)		
Comment:	There are a few areas with a grayish, silty sand on the surface. There is some evidence of truck tire tracks, but it is not possible to definitely identify the location of the liquid discharge.		
References:	1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.		

Images:

Date Taken:	11/9/98
Pathname:	\\bhi002\esd-img\300\1037\1037_01.JPG
Description:	This photo shows the depressed gravel area where filter backwash material was disposed of for four months in 1987. There are no visible signs that the area was used for this purpose.
Date Taken:	11/18/98
Pathname:	\\bhi002\esd-img\300\1037\1037_02.JPG
Description:	This photo shows possible tire tracks and sediment.
Date Taken:	11/18/98
Pathname:	\\bhi002\esd-img\300\1037\1037_03.JPG
Description:	This photo shows possible residual sediment.

Waste Site Reclassification Form

Date Submitted: 12/4/1998 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300 IFBD Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-220
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

This site was a temporary disposal area for filter backwash from the 300 Filter Water Plant. In 1987, what is now called the 300 Area Retired Filter Backwash Pond (WIDS Site 300 RFBP) was discontinued. While the replacement pond, the 300 Area Filter Backwash Pond (WIDS Site 300 FBP), was being constructed, there was no pond available to dispose of the filter backwash effluent. During those four months, 2,460,000 liters (650,000 gallons) of water and sediment were trucked across Route 4S for disposal. The liquid was allowed to soak into the ground. The exact location of the disposal site is not known. There is a large, depressed area on the east side of the Gravel Pit 6 property that forms a natural basin. There is a moderate amount of rabbit brush and grasses growing on it. There are no definite, visible signs that the area was used for backwash disposal. However, there are some truck tire tracks and evidence of some grayish, silty sand on the surface in some areas of the natural basin.

Basis for reclassification:

The unit received effluent from backwashing filters at the 300 Area Filter Water Plant (315 Building). The backwash was 90% river water. The sediment in the backwash contained alum which is used as a coagulating agent prior to filtration. Analysis of the backwash has shown it to be nonhazardous.

The 300 Interim Filter Backwash Disposal site is analogous to the 300 Filter Backwash Pond (prior to being lined). The unlined 300 Filter Backwash Pond (WIDS Site 300 FBP) received the backwash from the same filter plant at approximately the same rate, but for a period of five years. The 300 Filter Backwash Pond was identified in the "Declaration of the Record of Decision for the USDOE Hanford 300 Area 300-FF-1 and 300-FF-5 Operable Units" as a site requiring no action. The 300 Interim Filter Backwash Disposal site, operated for only four months and received less waste. Therefore, this site should also not require cleanup.

<i>ST Bernick</i> DOE Project Manager	<i>Sten T. Bernick</i> Signature	<i>1/27/99</i> Date
Ecology Project Manager	Signature	Date
<i>David R. Finan</i> EPA Project Manager	<i>David R. Finan</i> Signature	<i>27 Jan 99</i> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300 PHWSA	Site Reclassification Status: Rejected	Page 1
Site Names:	300 PHWSA, 300 Area Powerhouse HWSA, 300 Area Powerhouse Hazardous Waste Storage Area	
Site Type:	Satellite Accumulation Area	Start Date: 1991
Status:	Inactive	End Date: 1995
Operable Unit:	300-FF-2	Coordinates:
Hanford Area:	300	(E) 593868.125
		(N) 116001.062
		Washington State Plane

Site Description: The site was a hazardous waste storage area used to store nonradioactive solid waste. Currently, the site is an empty chain link fenced area.

Location Description: The unit is located near the southwest corner of the 384 Building adjacent to roll up door 3.

Process Description: The unit was used to stage nonregulated and hazardous material. Some of the material stored here included waste oil, lubricating oil, oil soaked rags and aerosol cans.

Associated Structures: The site was associated with the operation of the 384 Powerhouse.

Site Comment: The area is no longer used to accumulate hazardous waste. The waste stored here was moved to the 328 Building 90 Day Storage Area and the 3707-D Satellite Accumulation Area in 1995. In 1998, the powerhouse was shut down. Currently, no waste is generated from this building.

There is a discrepancy with the information provided in the Technical Baseline Report (DeFord, et. al. 1992). The Hazardous Material Coordinator for the 384 Powerhouse during the time it was operational, has stated that the Hazardous Waste Storage Areas were established in 1991-1992 and not in the 1940's as stated in the Technical Baseline Report. He also stated that the material was moved to the 3707-D Building and not 3707-E.

- References:**
1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
 2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 3. K. L. Barry and F. H. Biebesheimer, 10/25/96, Phone interview between Deborah Herman (Dynacorp) and Kami Barry and Fred Biebesheimer (SAIC) RE: Status of the 384 HWSA.

Dimensions:

Length:	4.88 Meters	16.00 Feet
Width:	2.44 Meters	8.00 Feet

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Regulatory information:

Programmatic Responsibility

DOE Program:	EM-70	Confirmed By Program:	Yes
DOE Division:	SID - Site Infrastructure Division		
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.		

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency:	EPA
Unit Category:	90-Day Storage Pad/Satellite Accumulation Area
TPA Appendix:	Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Barrels/Drums/Buckets/Cans		
Category:	Hazardous/Dangerous		
Physical State:	Solid and liquid		
Start Date:	1991	End Date:	1995
Description:	When active, the unit staged nonregulated waste oil and water treatment chemicals. Other small quantities of hazardous waste were also stored.		
References:	<ol style="list-style-type: none"> 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987. 2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00. 		

Unplanned Releases:

Release Name:	Waste Barrel Leak in West Yard of 384 Powerhouse		
Reported Date:	1991	Occurrence Rpt #:	RL--WHC-WHC300EM-1991-1026
Begin Date:		Ref. Site Code:	
End Date:			
Description:	<p>On December 8, 1991, one of sixteen drums containing a mixture of Desolvit (DE-SOLV-IT - a trademark of Orange-Sol, Inc.) and number 6 fuel oil was discovered to be leaking. The barrel was laying on its side on a cement pad along with 15 other empty barrels. A fairly strong wind had come up which started moving the barrels back and forth. Some of the Desolvit and number 6 fuel oil mixture that was left in one of the 208 liter (55 gallon) waste barrels then started leaking from the barrel bung. An estimated 1.9 to 3.8 liters (0.5 to 1 gallon) of the mixture was spilled.</p>		

All 16 barrels were stood up on end and absorbent pads and kitty litter were laid down. After the mixture was absorbed, the absorbent pads and kitty litter were picked up and bagged. The spill was contained on the cement pad and all of the spill was absorbed with the exception of a very slight residue.

References: 1. Tim S. Quinn, 12/8/91, Waste Barrel Leak in West Yard of 384 Powerhouse, RL--WHC-WHC300EM-1991-1026.

Field Work:

Type: Site Walkdown
Begin Date: 12/02/1998 **Field Crew:** CR Webb
End Date: 12/02/1998
Purpose: Verification

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 12/2/98
Pathname: \\bhi002\esd-img\300\1038\1038_01.JPG
Description: This photo shows the fenced area where material had been stored prior to the shut down of the power house. The fenced area is now empty.

Date Taken: 12/2/98
Pathname: \\bhi002\esd-img\300\1038\1038_02.JPG
Description: This photo shows the fenced area where material had been stored prior to the shut down of the power house. The fenced area is now empty.

Waste Site Reclassification Form

<p>Date Submitted: 12/3/1998</p> <p>Originator: B. J. Dixon, G3-26</p> <p>Phone: (509) 376-7053</p>	<p>Operable Unit(s): 300-FF-2</p> <p>Waste Site ID: 300 PHWSA</p> <p>Type of Reclassification Action:</p> <p>Rejected <input checked="" type="radio"/></p> <p>Closed-Out <input type="radio"/></p> <p>No Action <input type="radio"/></p>	<p>Control Number: 98-216</p>
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was a hazardous waste storage area used to store nonradioactive solid waste. Currently, the site is an empty asphalt area surrounded by a chain link fence.

Basis for reclassification:

The area is no longer used to accumulate hazardous waste. The waste stored here was moved to the 328 Building 90 Day Storage Area and the 3707-D Satellite Accumulation Area in 1995. In 1998, the powerhouse was shut down. Currently, no waste is generated from this building.

As defined in TPA-MP-14, "Maintenance of the Waste Information Data System (WIDS)", section 1.1 Definitions, Other Storage Areas include only those areas that are used to store materials not permitted under the Resource Conservation and Recovery Act. Under Part II.I.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

<p><i>ST Burnum</i></p>	<p><i>St. T. Burnum</i></p>	<p><i>1/27/99</i></p>
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
<p><i>David R. Einar</i></p>	<p><i>David R. Einar</i></p>	<p><i>27 Jan 99</i></p>
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code:	300 SE	Site Reclassification Status:	Closed Out	Page	1
Site Names:	300 SE, 300 Area Solvent Evaporator, Solvent Evaporator, 300 ASE				
Site Type:	Evaporator	Start Date:	1975		
Status:	Inactive	End Date:	1985		
Operable Unit:	300-FF-2	Coordinates:			
Hanford Area:	300	(E)	594016.625		
		(N)	116224.875		
			Washington State Plane		
Site Description:	<p>The site was a treatment unit for radioactively contaminated spent solvents generated in the fuel fabrication process at the 300 Area. The waste solvents were treated by evaporation in a Brooks Load Luger (i.e., tank, dumpster). The 300 Solvent Evaporator (300 ASE) lugger (Type A82; Series 3F) was 244 centimeters (96 inches) long, 165 centimeters (65 inches) wide at the top, 127 centimeters (50 inches) wide at the bottom, and 89 centimeters (35 inches) deep. The 300 ASE was constructed of carbon steel with a hinged aluminum sheet metal canopy over the top. The canopy (added in 1978) prevented entry of precipitation while allowing airflow across the top of the solvent. The canopy was hinged so that one end could be lifted for pouring the contents of solvent barrels into the cutout side of the evaporator.</p>				
Location Description:	<p>The site was located on a concrete pad and an adjacent graveled equipment area behind the 333 Building and next to the east end of the 334 Building.</p>				
Process Description:	<p>The 300 ASE was installed in the spring of 1976 and was a treatment tank (evaporator) that received barrels of accumulated solvent waste from degreasing operations associated with the N Reactor fuel manufacturing facility. Degreaser solvent barrels were routinely stored (up to 1 year) within about 6.1 meters (20 feet) of the evaporator until poured into the 300 ASE with the barrel lift/dumper. Small quantities of solvent (from the paint shop) and uranium-ethyl acetate-bromine solutions were poured by hand directly into the evaporator. Typical 300 ASE waste was composed of perchloroethylene, trichloroethylene, chloroform, ethyl acetate/bromine solution, paint shop solvents, and possibly used oil. Small amounts of uranium and alloys of copper, zirconium, and possibly zirconium/beryllium were present in the degreaser solvents as machining particulates. In 1985, the 300 ASE was phased out. The Brooks load lugger was dismantled between 1985 and 1986.</p>				
Site Comment:	<p>The dismantled evaporator lugger was taken to the 200 Areas for disposal as low-level radioactive waste. The site was clean closed in accordance with the Washington Administrative Code (WAC) closure performance standards. The letter of acceptance was received from the Department of Ecology on 6/27/1995.</p>				
Cleanup Activities:	<p>Sample results can be found in the field work section. The 300 ASE closure area consisted of two sub-areas located at the south side of the 333 East Concrete Pad. (1) a concrete sub-area about 15.2 meters (50 feet) long on the south portion of the original 333 East Concrete Pad that extends about 9.8 meters (32 feet) to the north and then tapers towards the original 10.2 centimeter (4 inch) diameter pad drain, and (2) an adjacent gravel/soil sub-area along the south edge of the concrete pad approximately 3.1 meters (10 feet) wide by 15.2 meters (50 feet) long.</p> <p>Concrete core samples were collected and analyzed for the concrete pad sub-area. Since there are no known performance standards with which to evaluate concrete, soil cleanup levels were used per Ecology guidance. All detectable analytes were below the soil cleanup levels.</p> <p>For soil samples collected and analyzed, cadmium, copper and lead were found in concentrations above the Hanford Site Background levels. The results for copper in the soil ranged from 26.8 to 109 milligrams per kilogram, well below the Model Toxics Control Act (MTCA) Method B cleanup level of 3,000 milligrams per kilogram. The MTCA Method A cleanup level was used for lead because data for the Method B cleanup level calculation were not available. The soil results for lead ranged from 9.4 to 101 milligrams per kilogram, well below the MTCA Method A cleanup level of 250 milligrams per kilogram. The one cadmium result of 1.0 milligram per kilogram, was below the MTCA Method A cleanup level of 2.0 milligrams per kilogram.</p> <p>There are no post closure monitoring requirements for this site.</p>				
Release Description:	<p>Although no formal spill report is known to exist, one spill is known to have occurred when a small hole developed in a fitting of the steam line (BHI-00012). Steam condensate collected in the evaporator until it overflowed. It was likely that the overflow spilled from the cutout side onto the</p>				

northern edge of the evaporator area. It is estimated that very little, if any, solvent was released during this spill, as the bulk of the solvent being treated had a density greater than water and thus remained inside the evaporator.

Environmental Monitoring Description: Nonroutine airborne fume sampling and analyses were performed.

- References:**
1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
 2. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
 3. 2/89, Preliminary Operable Units Designation Project, WHC-EP-0216.
 4. 11/85, Closure Plan 300 Area Solvent Evaporator.
 5. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 6. Department of Ecology, 6/27/95, Letter: Department of Ecology to U.S. Department of Energy and Westinghouse Hanford Company, regarding the closure certification for the 300 Area Solvent Evaporator Facility (TSD # T-3-1) per WAC 173-303-610(2) closure performance standards and the closure requirements contained in Part V, Chapter 2, of the Dangerous Waste (Permit Number WA 7890008967). Cleanup levels of the Model Toxics Control Act 173-340, Method B, and Hanford Site Background, have been met allowing the clean closure..
 7. Andrea Prignano, 8/8/94, Soil Characterization at the 300 Area Solvent Evaporator Closure Site, WHC-SD-EN-TI-273.
 8. Andrea Prignano, 2/21/95, Concrete Characterization for the 300 Area Solvent Evaporator Closure Site, WHC-SD-EN-TI-296.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
 DOE Division: TPD - Transition Program Division
 Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
 TPA Waste Management Unit Type: RCRA Treatment and Storage Unit

Permitting

RCRA Part A Permit:	Yes	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	Yes	State Waste Discharge Permit:	No
TSD Number:	T-3-1	Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: Ecology
 Unit Category: Treatment, Storage and Disposal (TSD)
 TPA Appendix: B

Remediation and Closure

Decision Document:

Decision Document Status:**Remediation Design Group:**

Closure Document: Closure Letter

Closure Type: Clean Closure

Post Closure Requirements:**Residual Waste:****Waste Information:**

Type: Chemicals

Category: Hazardous/Dangerous

Physical State: Liquid

Description: The unit received approximately 2,300 liters per year (600 gallons per year) of solvents and steam condensate. The solvents consisted mainly of spent trichloroethylene, perchloroethylene, 1,1,1-trichloroethane, and an ethyl acetate/bromine solution. Paint shop solvents that were potentially treated include methyl ethyl ketone, methylene chloride, and petroleum naphtha.

References:

1. 4/93, Hanford Site Dangerous Waste Part A Permit Application. Vol. 1,2,3, DOE/RL 88-21.
2. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.

Field Work:

Type: Analytical Sampling

Begin Date: 04/26/1994

End Date: 04/27/1994

Purpose: Concrete Core Sampling

Comment: The concrete sub-area was a concrete area about 15 meters long on the south portion of the original 333 East Concrete Pad that extends about 10 meters to the north and then tapers towards the original 10 centimeter diameter pad drain. All 5 core samples were taken within the closure area. Volatile organic analyses were performed for perchloroethylene, 1,1,1-trichloroethane, trichloroethylene, methyl ethyl ketone, ethyl acetate, dichloromethane, petroleum naphtha, 1,1-dichloroethylene, 1,2-dichloroethylene, 1,2-dichloroethane, vinyl chloride. Inorganic analyses performed were bromide, barium, beryllium, cadmium, copper, lead, silver, zirconium, and uranium.

As stated in the closure plan, the concentrations of the inorganic constituents (zirconium, beryllium, bromine, uranium, copper, barium, cadmium, lead, and silver) were determined for information only and not for RCRA closure decision making purposes.

All beryllium, lead, and silver results were at levels below the Hanford Site Background. Barium, cadmium, and copper were at concentrations below Model Toxics Control Act (MTCA) Method B. There is no MTCA Method B value for zirconium. However, of the 14 samples analyzed, only one sample showed a zirconium value above the Hanford Site Background of 53 parts per million. This zirconium value, 90.8 parts per million, was found in Core 4 at the top of the underlying 333 East Pad. Native soil concentrations of 60 to 2,000 parts per million zirconium have been reported. The value reported for Core 4 was at the low end of this range.

Bromide and uranium do not have Hanford Site Background or MTCA Method B performance standards. However, all of the bromide values were below the instrument detection limit.

The typical range of uranium concentration in native soil is 0.9 to 9.0 micrograms per gram. The extreme limit for uranium is less than 250 micrograms per gram. The concentrations at the 300 ASE ranged from 0.20 to 16 micrograms per gram. These results were well below the extreme limits. Uranium concentrations, like all inorganic constituents in concrete, were not being used for closure decisions.

Bromide was not detected in any of the samples. Hanford Site Background levels are: Bromide - not available; Barium - 175; Beryllium - 1.8; Cadmium - 0.79; Copper - 30; Lead - 14.9; Silver - 2.1; Zirconium - 53; Total Uranium - Not Available. All values are in milligrams per kilogram. The MTCA values are: Bromide - Not Available; Barium - 5400; Beryllium - 0.23; Cadmium - 40; Copper - 3000; Lead - 250; Silver - 400; Zirconium - Not Available; Total Uranium - Not Available. All MTCA values are from the MTCA Method B soil, except for lead, which is from MTCA Method A soil table. The common ranges in soils are: Bromide - Not Available; Barium - 100 - 3000; Beryllium - 0.1 - 40; Cadmium - 0.1 - 7; Copper - 2 - 100; Lead - 2 - 200; Silver - 0.01 - 5; Zirconium - 60 - 2000; Total Uranium - 0.9 - 9, extreme 250.

Sample Number: BOBQQ1

Location Description: Field Blank (Silica Sand).

Result Summary: No volatile organic analytes were detected in the sample. Barium was 0.40 milligrams per kilogram, beryllium was 0.04 milligrams per kilogram, cadmium was 0.11 milligrams per kilogram, copper was 0.59 milligrams per kilogram, lead was 0.44 milligrams per kilogram, silver was 0.35 milligrams per kilogram, zirconium was 8.6 milligrams per kilogram, total uranium was 0.20 micrograms per kilogram.

Sample Number: BOBQQ2

Location Description: Core #1 (Field Blank) - 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 244 milligrams per kilogram, beryllium was 0.36 milligrams per kilogram, cadmium was 1.0 milligrams per kilogram, copper was 17.4 milligrams per kilogram, lead was 2.4 milligrams per kilogram, silver was 0.36 milligrams per kilogram, zirconium was 25.7 milligrams per kilogram, total uranium was 5.8 micrograms per kilogram.

Sample Number: BOBQQ3

Location Description: Core #1 (Top) - 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 256 milligrams per kilogram, beryllium was 0.39 milligrams per kilogram, cadmium was 0.11 milligrams per kilogram, copper was 25.9 milligrams per kilogram, lead was 3.5 milligrams per kilogram, silver was 0.36 milligrams per kilogram, zirconium was 29.3 milligrams per kilogram, total uranium was 6.1 micrograms per kilogram.

Sample Number: BOBQQ4

Location Description: Core #1 (Top, Duplicate) - 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 217 milligrams per kilogram, beryllium was 0.33 milligrams per kilogram, cadmium was 0.55 milligrams per kilogram, copper was 24.2 milligrams per kilogram, lead was 5.1 milligrams per kilogram, silver was 0.38 milligrams per kilogram, zirconium was 26.0 milligrams per kilogram, total uranium was 4.4 micrograms per kilogram

Sample Number: BOBQQ5

Location Description: Core #1 (Bottom) - 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 244 milligrams per kilogram, beryllium was 0.39 milligrams per kilogram, cadmium was 0.30 milligrams per kilogram, copper was 18.4 milligrams per kilogram, lead was 3.5 milligrams per kilogram, silver was 0.38 milligrams per kilogram, zirconium was 25.5 milligrams per kilogram, total uranium was 2.2 micrograms per kilogram.

Sample Number: BOBQQ6

Location Description: Core #2 (Top)- 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 212 milligrams per kilogram, beryllium was 0.33 milligrams per kilogram, cadmium was 0.40 milligrams per kilogram, copper was 60.2 milligrams per kilogram, lead was 5.0 milligrams per kilogram, silver was 0.37 milligrams per kilogram, zirconium was 21.6 milligrams per kilogram, total uranium was 16 micrograms per kilogram.

Sample Number: BOBQQ7

Location Description: Core #2 (Bottom) - 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 246 milligrams per kilogram, beryllium was 0.36 milligrams per kilogram, cadmium was 0.15 milligrams per kilogram, copper was 19.8 milligrams per kilogram, lead was 3.4 milligrams per kilogram, silver was 0.38 milligrams per kilogram, zirconium was 23.0 milligrams per kilogram, total uranium was 2.2 micrograms per kilogram.

Sample Number: BOBQQ8

Location Description: Core #3 (Bottom of Underlying Pad) - 333 East Concrete Pad

Result Summary: Acetone at 39 parts per billion was found in this sample. The acetone value was qualified as B by the laboratory, indicating that acetone was also found in the blank. Barium was 177 milligrams per kilogram, beryllium was 0.40 milligrams per kilogram, cadmium was 0.16 milligrams per kilogram, copper was 16.2 milligrams per kilogram, lead was 3.3 milligrams per kilogram, silver was 0.39 milligrams per kilogram, zirconium was 22.5 milligrams per kilogram, total uranium was 3.5 micrograms per kilogram.

Sample Number: BOBQQ9

Location Description: Core #3 (Bottom of Underlying Pad) - 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 163 milligrams per kilogram, beryllium was 0.35 milligrams per kilogram, cadmium was 0.11 milligrams per kilogram, copper was 16.2 milligrams per kilogram, lead was 3.4 milligrams per kilogram, silver was 0.36 milligrams per kilogram, zirconium was 26.2 milligrams per kilogram, total uranium was 16 micrograms per kilogram.

Sample Number: BOBQR0

Location Description: Core #4 (Middle of Overlay Pad) - 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 117 milligrams per kilogram, beryllium was 0.32 milligrams per kilogram, cadmium was 0.12 milligrams per kilogram, copper was 33.2 milligrams per kilogram, lead was 3.9 milligrams per kilogram, silver was 0.39 milligrams per kilogram, zirconium was 18.3 milligrams per kilogram, total uranium was 1.9 micrograms per kilogram.

Sample Number: BOBQR1

Location Description: Core #4 - (Top of Underlying Pad) -333 East Concrete Pad

Result Summary: An analyte of concern noted was perchloroethylene at 0.10 parts per billion. Toluene and total xylenes were reported at concentrations of 0.60 part per billion and 0.10 part per billion. Barium was 165 milligrams per kilogram, beryllium was 0.34 milligrams per kilogram, cadmium was 0.11 milligrams per kilogram, copper was 42.6 milligrams per kilogram, lead was 4.8 milligrams per kilogram, silver was 0.51 milligrams per kilogram, zirconium was 90.8 milligrams per kilogram, total uranium was 8.0 micrograms per kilogram.

Sample Number: BOBQR2

Location Description: Core #4 - (Bottom of Underlying Pad) 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 151 milligrams per kilogram, beryllium was 0.35 milligrams per kilogram, cadmium was 0.12 milligrams per kilogram, copper was 38.3 milligrams per kilogram, lead was 3.2 milligrams per kilogram, silver was 0.38 milligrams per kilogram, zirconium was 43.4 milligrams per kilogram, total uranium was 8.5 micrograms per kilogram.

Sample Number: BOBQR3

Location Description: Core #5 - (Middle of Overlay Pad) 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 200 milligrams per kilogram, beryllium was 0.30 milligrams per kilogram, cadmium was 0.14 milligrams per kilogram, copper was 15.9 milligrams per kilogram, lead was 3.2 milligrams per kilogram, silver was 0.37 milligrams per kilogram, zirconium was 12.9 milligrams per kilogram, total uranium was 1.3 micrograms per kilogram.

Sample Number: BOBQR4

Location Description: Core #5 - (Top of Underlying Pad) 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 203 milligrams per kilogram, beryllium was 0.33 milligrams per kilogram, cadmium was 1.1 milligrams per kilogram, copper was 29.3 milligrams per kilogram, lead was 3.1 milligrams per kilogram, silver was 0.37 milligrams per kilogram, zirconium was 18.7 milligrams per kilogram, total uranium was 5.9 micrograms per kilogram.

Sample Number: BOBQR5

Location Description: Core #5 - (Bottom of Underlying Pad) 333 East Concrete Pad

Result Summary: No volatile organic analytes were detected in the sample. Barium was 227 milligrams per kilogram, beryllium was 0.31 milligrams per kilogram, cadmium was 0.12 milligrams per kilogram, copper was 15.1 milligrams per kilogram, lead was 4.1 milligrams per kilogram, silver was 0.38 milligrams per kilogram, zirconium was 22.3 milligrams per kilogram, total uranium was 9.7 micrograms per kilogram.

Sample Number: BOBQR6

Location Description: Trip Blank (Silica Sand)

Result Summary: No volatile organic analytes were detected in the sample.

Sample Number: BOBQR7

Location Description: Equipment Blank (Silica Sand)

Result Summary: No volatile organic analytes were detected in the sample. Barium was 0.45 milligrams per kilogram, beryllium was 0.04 milligrams per kilogram, cadmium was 0.11 milligrams per kilogram, copper was 0.57 milligrams per kilogram, lead was 0.46 milligrams per kilogram, silver was 0.36 milligrams per kilogram, zirconium was 8.7 milligrams per kilogram, total uranium was 0.16 micrograms per kilogram.

References: 1. Andrea Prignano, 2/21/95, Concrete Characterization for the 300 Area Solvent Evaporator Closure Site, WHC-SD-EN-TI-296.

Type: Analytical Sampling

Begin Date: 08/10/1993

End Date: 08/10/1993

Purpose: Soil Sampling for Closure

Comment: Sampling was done within the soil closure sub-area along the south side of the concrete pad. This is a (10 by 50 foot) soil/gravel area where the solvent evaporator sat during its operational phase. The soil closure area was delineated by the locations of the evaporator during its operation. The soil closure area was gridded into five blocks (referred to as Areas A, B, C, D, and E) and each block subdivided into nine equal parts. Five sample locations were then randomly chosen; one from each block. Additionally, a sample was taken near where a small amount of solvent overflowed from the evaporator because of a steam coil leak. Other samples taken at each location were collected for the purpose of volatile organics analysis. Field analysis methods were used for these samples.

The following samples contain the details of the field analyses. Headspace vapor

samples from each of the Volatile Organic Analysis (VOA) vials were analyzed using a Photovac 10S Plus Gas Chromatograph. The immunoassay tests were performed for polyaromatic hydrocarbons (PAH) using Ensys Incorporated's kit and procedure.

Sample Number: B090C3

Location Description: The sample was taken in the southeast corner of Area A.

Result Summary: For VOA field analyses results, there was nothing of significance. The immunoassay results were less than 1 part per million.

Sample Number: B090C4

Location Description: The sample was taken in the northeast corner of Area B.

Result Summary: For VOA field analyses results, there was nothing of significance. The immunoassay results were less than 1 part per million.

Sample Number: B090C5

Location Description: The sample was taken in the central east portion of Area C.

Result Summary: For VOA field analyses results, there was nothing of significance.

Sample Number: B090C6

Location Description: The sample was taken in the middle of Area D.

Result Summary: For VOA field analyses results, there was nothing of significance.

Sample Number: B090C7

Location Description: The sample was taken in the southwest corner of Area E.

Result Summary: For VOA field analyses results, there was nothing of significance.

Sample Number: B090C8

Location Description: The sample was taken in Area A at the location of the solvent spill.

Result Summary: For VOA field analyses results, there was nothing of significance. The immunoassay results were less than 1 part per million.

Sample Number: B090C9

Location Description: The sample was taken in Area A and was a duplicate of B090C8.

Result Summary: For VOA field analyses results, there was nothing of significance.

Sample Number: B090D0

Location Description: The sample was a matrix trip blank of clean silica sand.

Result Summary: The sample was a trip blank.

Sample Number: B090D1

Location Description: The sample was a matrix trip blank of clean silica sand.

Result Summary: The sample was a field blank collected next to B090C3.

Sample Number: B090D2

Location Description: The sample was a matrix equipment blank of clean silica sand.

Result Summary: The sample was an equipment blank.

References: 1. 11/85, Closure Plan 300 Area Solvent Evaporator.
2. Andrea Prignano, 8/8/94, Soil Characterization at the 300 Area Solvent Evaporator Closure Site, WHC-SD-EN-TI-273.

Type: Analytical Sampling

Begin Date: 08/10/1993

End Date: 08/10/1993

Purpose: Soil Sampling for Closure

Comment: Samples B090C3, B090C4, B090C5, B090C6, B090C7, B090C8, B090C9, B090D0, B090D1, and B090D2 were collected and sent to TMA/Norcal Laboratory in Richmond, California for analysis. All samples were analyzed for volatile organic compounds, naphtha, bromide, barium, beryllium, cadmium, copper, silver, zirconium, lead, and total uranium. In addition, field analysis for volatile organic compounds (VOC) and polycyclic aromatic hydrocarbons (PAH) were performed to compare field results for volatile organics with offsite volatile organic analysis results and to provide immediate information on VOC or PAH contamination at the closure site. Methylene chloride was detected in the trip blanks in the microgram per kilogram levels. All result values for volatile organic compounds are micrograms per kilogram. Sample results for metals are in milligrams per kilogram, except uranium which is in micrograms per gram.

Sample Number: B090C3

Location Description: The sample was taken in the southeast corner of Area A.

Result Summary: Methylene Chloride-4; Perchloroethylene-2.
Bromide-<2.0; Barium-152; Beryllium-0.37; Cadmium-0.15 (not detected);
Copper-86.6; Lead-45.6; Silver-0.38; Zirconium-16.8; Total Uranium-59.

Sample Number: B090C4

Location Description: The sample was taken in the northeast corner of Area B.

Result Summary: Methylene Chloride-4; Perchloroethylene-2. Toluene - 2.
Bromide-<2.0; Barium-98.6; Beryllium-0.22; Cadmium-1.0; Copper-109; Lead-
101; Silver-0.48; Zirconium-50.3; Total Uranium-60.

Sample Number: B090C5

Location Description: The sample was taken in the central east portion of Area C.

Result Summary: Chloroform-1; Toluene-2.
Bromide-<2.0; Barium-160; Beryllium-0.19; Cadmium-0.15 (not detected);
Copper-121; Lead-41.1; Silver-0.35; Zirconium-45.2; Total Uranium-41.

Sample Number: B090C6

Location Description: The sample was taken in the middle of Area D.

Result Summary: Methylene Chloride-4; Toluene-1.
Bromide-<2.0; Barium-128; Beryllium-0.27; Cadmium-0.15 (not detected);
Copper-26.8; Lead-10.4; Silver-0.35 (not detected); Zirconium-11; Total
Uranium-36.

Sample Number: B090C7

Location Description: The sample was taken in the southwest corner of Area E.

Result Summary: Methylene Chloride-3; Toluene-1.
Bromide-<2.0; Barium-172; Beryllium-0.26; Cadmium-0.14 (not detected);
Copper-66.2; Lead-9.4; Silver-0.32 (not detected); Zirconium-17.5; Total
Uranium-33.

Sample Number: B090C8

Location Description: The sample was taken in Area A at the location of the solvent spill.

Result Summary: Methylene Chloride-4; Perchloroethylene-4; Toluene-3.
Bromide-<2.0; Barium-90; Beryllium-0.25; Cadmium-0.16 (not detected);
Copper-109; Lead-56.2; Silver-0.6; Zirconium-26.3; Total Uranium-71.

Sample Number: B090C9

Location Description: The sample was taken in Area A and was a duplicate of B090C8.

Result Summary: Methylene Chloride-5; Acetone-4; Perchloroethylene-4; Toluene-3.
Bromide-<2.0; Barium-105; Beryllium-0.21; Cadmium-0.28; Copper-84.3; Lead-
60.9; Silver-0.34 (not detected); Zirconium-30.2; Total Uranium-70.

Sample Number: B090D0

Location Description: The sample was a matrix trip blank of clean silica sand.

Result Summary: Methylene Chloride-3; Unknown Hydrocarbon-8.3.

Sample Number: B090D1

Location Description: The sample was a field blank of clean silica sand.

Result Summary: Methylene Chloride-3; Unknown Hydrocarbon-13.

Sample Number: B090D2

Location Description: The sample was an equipment blank of clean silica sand.

Result Summary: Methylene Chloride-3; Unknown Hydrocarbon-5; Unknown Hydrocarbon-14.

References: 1. Andrea Prignano, 8/8/94, Soil Characterization at the 300 Area Solvent Evaporator Closure Site, WHC-SD-EN-TI-273.

Images:

Date Taken: 1/1/85

Pathname: \\bhi002\esd-img\300\1042\1042_01.JPG

Description: This image shows the 300 Area Solvent Evaporator prior to removal and clean closure.
Negative # 8507636-3CN.

Date Taken: 11/3/98

Pathname: \\bhi002\esd-img\300\1042\1042_02.JPG

Description: View of the former solvent evaporator site looking northeast.

Date Taken: 11/3/98

Pathname: \\bhi002\esd-img\300\1042\1042_03.JPG

Description: View of former solvent evaporator site looking east.

Waste Site Reclassification Form

Date Submitted: 10/5/1998	Operable Unit(s): 300-FF-2	Control Number: 98-080
Originator: John Remaize, L6-26	Waste Site ID: 300 SE	Form Status: Approved
Phone: (509) 372-1462	Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was a treatment unit for radioactively contaminated spent solvents generated in the fuel fabrication process at the 300 Area. Treatment of the wastes occurred by evaporation in a Brooks Load Lugger (i.e., tank, dumpster). The 300 Solvent Evaporator (300 ASE) lugger (Type A82; Series 3F) was 244 centimeters (96 inches) long, (165 centimeters) 65 inches wide at the top, 127 centimeters (50 inches) wide at the bottom, and 89 centimeters (35 inches) deep. The 300 ASE was constructed of carbon steel with a hinged aluminum sheet metal canopy over the top. The canopy (added in 1978) prevented entry of precipitation while allowing airflow across the top of the solvent. The canopy was hinged so that one end could be lifted for pouring the contents of solvent barrels into the cutout side of the evaporator.

Basis for reclassification:

The unit was clean closed in accordance with WAC closure performance standards. The letter of acceptance was received from the Department of Ecology on 6/27/95. This site does not require approval signatures. A closure letter has been received from Ecology.

_____ DOE Project Manager	_____ Signature	_____ Date
_____ Ecology Project Manager	_____ Signature	_____ Date
_____ EPA Project Manager	_____ Signature	_____ Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300 SSS	Site Classification: Rejected	Page 1
Site Names:	300 SSS, 300 Area Sanitary Sewer System	
Site Type:	Sanitary Sewer	Start Date: 1944
Status:	Active	End Date:
Operable Unit:	300-FF-2	Coordinates:
Hanford Area:	300	(E) 0
		(N) 0
		Washington State Plane
Site Description:	<p>The sewer system is comprised of underground sewer lines inside the 300 Area that connect to the City of Richland sewer system.</p> <p>Prior to 1996, the sewer was connected to septic tanks and sanitary leaching trenches located northeast of the 300 Area. The 300 Area Sanitary Sewer utilized gravity and pressure collection lines, septic tanks and leaching trenches. The original sewer system was constructed of concrete and clay pipes and was designated as the 3907 system. The system was connected to a tile field that was replaced, in 1951, by a septic tank and two leaching trenches. Additional septic tanks were added in 1975. The 300 Area Sanitary Trenches (WIDS Site 300-52) site includes two septic tanks and unlined trenches that were connected to the 300 Area Sanitary Sewer System. The 300 Area Sanitary Trenches (WIDS Site 300-52) is a "no action" site in the 300-FF-1 Operable Unit.</p> <p>On October 1, 1996 the 300 Area Sanitary Sewer System began to discharge to the City of Richland's sewage system. The pipeline to the 300 Area Sanitary Trenches was permanently isolated by welding a plate in place and filling manhole #6 with concrete.</p>	
Location Description:	<p>The system is located underneath the 300 Area. The sewer sampling station is located on the George Washington Way extension, south of the 300 Area. There are two lift stations. One is located northeast of the 337 Building and the other is northeast of the 306-E Building.</p>	
Process Description:	<p>The site receives sanitary waste from throughout the 300 Area. The 300 Area Sanitary Sewer utilizes gravity flow and lift stations to send sanitary waste to the City of Richland.</p>	
Site Comment:	<p>The sanitary sewer system was installed during the construction of the 300 Area. The sewer system was enlarged and upgraded as new facilities were added to the 300 Area. It originally discharged to a tile field. The tile field was replaced by leaching trenches. A 1992 study by Westinghouse Hanford determined the existing septic tanks and leaching trenches should be replaced. In 1995, project V-784 installed a new pipeline to connect the 300 Area Sanitary Sewer to the City of Richland sewer system.</p>	
Release Potential Description:	<p>This unit is connected to 300 Area laboratories, shops, and production facilities. It is possible hazardous materials may accidentally be disposed to the sewer.</p>	
Environmental Monitoring Description:	<p>As part of the 300 Area routine sampling program, a composite sample is collected monthly analyzed for both gross alpha and gross beta activity. There is continuous monitoring for pH.</p>	
References:	<ol style="list-style-type: none">1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.2. 2/89, Preliminary Operable Units Designation Project, WHC-EP-0216.3. Duane Jacques, Environmental Protection to Sherry Griffin, 10/26/90, Review comments on the Hanford Site Waste Management Units Report, DSI.4. J. S. Young, J. S. Fruchter, 1/91, Addendum to Data Compilation Task Report for the Source Investigation of the 300-FF-1 Operable Unit Phase 1 Remedial Investigations, EMO-1026.5. M. J. McCarthy, 9/90, Westinghouse Hanford Company Effluent Report for 300, 400, and 1100 Area Operations for Calendar Year 1989, WHC-EP-0267-1.6. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.7. C.R. Webb, 6/10/96, Telephone Interview with Dan Pursley related to the upgrades of the 300 Area Sanitary Sewer System.8. C.R. Webb, 6/6/96, Telephone Conversation with Sam Camp related to Project V-784 Upgrades to the 300 Area Sanitary Sewer.9. 1996, Civil Key Map for Project V-784 (300 Area Sanitary Sewer), H-3-300145.10. R.M. Ely, 12/6/96, Letter from Fluor Daniel to DOE related to "Cease Discharge to 300 Area Sanitary	

Sewer Trenches", 9655481.

11. C. J. Clement, Dyncorp to L. A. Dietz, WIDS, 1/27/99, E-Mail: 300 Area Sanitary Sewer.

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-70 Confirmed By Program: Yes
 DOE Division: SID - Site Infrastructure Division
 Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No
 TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: Septic
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Sanitary Sewage
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: The sanitary sewer receives sanitary wastes from throughout the 300 Area.
 References: 1. K. H. Cramer, Hanford Site Waste Management Units Report, May 1987.
 2. M. J. McCarthy, 9/90, Westinghouse Hanford Company Effluent Report for 300, 400, and 1100 Area Operations for Calendar Year 1989, WHC-EP-0267-1.

Field Work:

Type: Site Walkdown
Begin Date: 11/09/1998 **Field Crew:** CR Webb, Carl Philips
End Date: 11/09/1998
Purpose: Verification
Comment: Since the sewer system is an underground pipeline, the effluent sampler and lift station control panel were photographed.
References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 11/9/98
Pathname: \\bhi002\esd-img\300\1043\1043_01.JPG
Description: This photo shows the sewer sampling station. Information is transmitted to the City of Richland via radio frequencies. Note the radio antenna to the right of the concrete box.
Date Taken: 11/9/98
Pathname: \\bhi002\esd-img\300\1043\1043_02.JPG
Description: This photo shows a lift station control panel located northeast of the 337 Building. An identical control panel is located northeast of 306-E. Two lift station control panels were installed when the 300 Area sewer system was connected to the City of Richland.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300 SSS	1/25/1999
Site Alias(es):	300 SSS, 300 Area Sanitary Sewer System	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input checked="" type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300 SSS

1/25/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/> IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.	<input type="radio"/>	<input checked="" type="radio"/>
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
5.	Is the unit an inactive, contaminated structure?	YES	NO
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO

Comments: This classification is based on the fact that the site is the sanitary collection sewers only. The septic tanks and leaching trenches are designated as a separate site from the collection system. The collection system handles sanitary and air conditioner cooling water only and is not an industrial process sewer system, and therefore not a SWMU. The site receives nondangerous/nonradioactive sanitary sewage that is conveyed to the City of Richland.

ERC Data Management Investigator

Date

Regulatory Compliance Concurrence

Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA 90-0001, TPA-MP-14

DOE-RL Concurrence

Date

Lead Regulatory Agency Concurrence

Date

1/25/99

1-25-99

1/27/99

27 Jan 99

Solid Waste Management Unit:	Yes		
TPA Waste Management Unit Type:	Waste Disposal Unit		
Permitting			
RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			
Tri-Party Agreement			
Lead Regulatory Agency:	EPA		
Unit Category:	CERCLA Past Practice (CPP)		
TPA Appendix:			
Remediation and Closure			
Decision Document:			
Decision Document Status:			
Remediation Design Group:			
Closure Document:			
Closure Type:			
Post Closure Requirements:			
Residual Waste:			

Waste Information:

Type: Misc. Trash and Debris
Category: Nondangerous/nonradioactive
Physical State: Solid and Liquid

Description: The area was used by North Richland residents to conduct automotive repairs and recreational activities. No evidence exists that radiological contamination may be at the site. Debris removed from the area in late 1993 included empty bottles, lumber, empty cans of automotive oil, 19-liter (5-gallon) cans and buckets, an 46-centimeter (18-inch) wooden wire spool, an automotive front grill, old automotive oil filters, etc.

References: 1. R. W. Hookfin, 1/3/92, WIDS Site Addition, 300-1.

Waste Site Reclassification Form

Date Submitted: 10/5/1998 Originator: R. L. Donahoe, MSIN X9-06 Phone: (509) 373-6879	Operable Unit(s): 300-FF-2 Waste Site ID: 300-1 Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> <i>RL</i> No Action <input type="radio"/>	Control Number: 98-081
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was used by North Richland residents to conduct automotive repairs and for recreational activities. Surface debris was removed by PNL technicians in November 1993. The site was the proposed location of the Environmental and Molecular Sciences Laboratory (EMSL) until, in April 1994, it was found to be an area culturally sensitive to Native American Stakeholders. In September and October of 1994 discussions and field investigations were held with Tribal representatives. Samples collected by Tribal representatives indicated the presence of total petroleum hydrocarbons and lead above applicable regulatory standards. Small isolated spots of oil-saturated soil may remain. Subsequent guidance from Tribal representatives indicates that cultural resource concerns for this sensitive site outweigh the need for further action.

Basis for reclassification:

According to information provided by Tribal representatives, the dispersed oil at the site does not appear to be a significant risk to human health and the environment. The reasons include the biodegradation of the materials as well as their reduction in concentration due to dispersal. Furthermore, Tribal staff indicated that the one sample that was taken removed all the oil-stained soil and that they "were unable to discover additional suspect areas based on visual inspection". Despite further requests, RL has never received formal documentation of Tribal consensus, and has only received informal communications that the issue be dropped. Based on the information above, it is still RL's understanding that Tribal representatives do not wish any further disturbance of the area. Therefore, it is still proposed that no further actions be taken at the 300-1 waste site.

<i>Robert G. McLeod</i>	<i>Robert G. McLeod</i>	2-24-99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
<i>David R. Finan</i>	<i>David R. Finan</i>	2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/3/1999

Site Code: 300-10	Site Reclassification Status: Closed Out	Page 1
Site Names: 300-10, Burial Trench West of Process Trenches		
Site Type: Burial Ground	Start Date: 1950	
Status: Inactive	End Date:	
Operable Unit: 300-FF-2	Coordinates:	
Hanford Area: 300	(E) 594034.938	
	(N) 116583.117	
	Washington State Plane	

Site Description: The northwest corner terminates very near a dirt road that intersects the midpoint of the west 316-5 Process Trenches. A field walkdown done on 11/18/94 reported the site appeared as a soil covered field with natural vegetation.

Location Description: The site is adjacent to the west side of the 316-5 Process Trenches.

Site Comment: The site can be identified on historical aerial photographs dating from 1948 to 1984.

Cleanup Activities: During the preparation of the RDR/RAWP, a decision was made to include this site with the remediation activities of the 316-5 Process Trenches in the 300-FF-1 Operable Unit work scope. The contaminated soil was removed and disposed of in the Environmental Restoration Disposal Facility (ERDF). Analysis of verification samples of the remaining soil show the area to be below cleanup standard levels. The area no longer poses a threat to human health or the environment and a December 17, 1997 (date approved) TPA change form (Control Number 116) lists the site as Closed Out.

Environmental Monitoring Description: A 1995 ground penetrating radar and electromagnetic induction survey indicated an area of approximately 24 meters (80 feet) by 7.6 meters (25 feet) of concentrated anomalies. The GPR survey was part of the 300-FF-2 Limited Field Investigation.

References:

1. J. S. Young, J. S. Fruchter, 1/91, Addendum to Data Compilation Task Report for the Source Investigation of the 300-FF-1 Operable Unit Phase 1 Remedial Investigations, EMO-1026.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. Bergstrom, K.A., T. H. Mitchell, and B. J. Bolin, 5/95, Geophysical Investigations of the 316-4 (300 North Crib), the 618-8 Burial Ground, the 618-13 (Mound), the Undocumented Solid Waste Burial Ground, the Solid Waste Burial Ground (Early Burial Ground), and the Burial Trench West of the Process Trenches, 300-FF-2 Operable Unit, BHI-00212, Rev 00.
4. 1997, Limited Field Investigation Report for the 300-FF-2 Operable Unit, DOE/RL-96-42, Rev 0.
5. C.R. Johnson, 12-19-97, Interoffice Memo from C.R. Johnson to L.A. Dietz: 300 NPL Agreement/Change Control Forms #115, #116, #117, and #118 for 300-FF-1 and 300-FF-2 Operable unit Remediated Waste Sites, CCN 052909.

Dimensions:

Length:	24.38 Meters	80.00 Feet
Width:	7.62 Meters	25.00 Feet

Comment: The above dimensions indicate the area identified by Ground Penetrating Radar scans done in 1995.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. Bergstrom, K.A., T. H. Mitchell, and B. J. Bolin, 5/95, Geophysical Investigations of the 316-4 (300 North Crib), the 618-8 Burial Ground, the 618-13 (Mound), the Undocumented Solid Waste Burial Ground, the Solid Waste Burial Ground (Early Burial Ground), and the Burial Trench West of the Process Trenches, 300-FF-2 Operable Unit, BHI-00212, Rev 00.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 Confirmed By Program: Yes
DOE Division: RPD - Restoration Projects Division
Responsible Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: CERCLA Past Practice (CPP)
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:

Images:

Date Taken: 1/1/86
Pathname: \\bhi002\esd-img\300\1781\1781_01.JPG
Description: An aerial photo of the west side of the process trenches. Photo #86015019.

Waste Site Reclassification Form

Date Submitted: 11/8/1999 Originator: C. R. Johnson Phone: 373-6372	Operable Unit(s): 300-FF-2 Waste Site ID: 300-10 Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Control Number: 99- 105 Form Status: Approved
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Remediation of waste site 300-10 was completed in accordance with the 300-FF-1 Remedial Design Report/Remedial Action Work Plan (RDR/RAWP) (DOE/RL-96-70). Waste site 300-10 is part of the 300-FF-2 Operable Unit (OU). During preparation of the RDR/RAWP, a decision was made to include the waste site with 300-FF-1 remediation activities because of its close proximity to the 300 Area Process Trenches and its small size. Contaminated soil was removed from the site and sent to the Environmental Restoration Disposal Facility (ERDF). Analysis of verification samples showed that remaining soil within the area is below the 300-FF-1 cleanup standards. The waste site no longer poses an unacceptable threat to human health or the environment as demonstrated in the referenced verification package (300-FF-2 Waste Site 300-10 Verification Package [BHI-01134]).

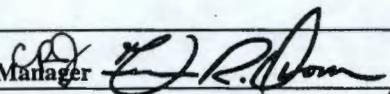
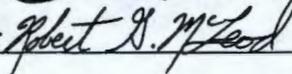
The original form that was approved is a "300 Area NPL Agreement/Change Control Form," Control Number 116, signed December 17, 1997.

Basis for reclassification:

This form documents agreement among the parties listed below to classify the subject waste site from the TPA solid waste management unit listing as closed out. Final removal from the NPL will occur at a future date.

The approval is on a 300 NPL Agreement/Change Control Form, Control Number 116, signed 12/17/97. Regulator concurrence with supporting documentation eliminates the need the signatures on this form.

_____	_____	_____
DOE Project Manager	Signature	Date
_____	_____	_____
Ecology Project Manager	Signature	Date
_____	_____	_____
EPA Project Manager	Signature	Date

Control Number: 116	300 NPL Agreement/Change Control Form _ Change <input checked="" type="checkbox"/> Agreement <input type="checkbox"/> Information Operable Unit(s): 300-FF-2	Date Submitted: December 9, 1997 Date Approved: 12/17/97
Document Number/Title: 300-FF-2 Waste Site 300-10 Verification Package (BHI-01134)		Date Document Last Issued: N/A
Originator: Charlie Johnson		Phone: 373-6372
Summary Discussion: Remediation of waste site 300-10 was completed in accordance with the 300-FF-1 Remedial Design Report/Remedial Action Work Plan (RDR/RAWP)(DOE/RL-96-70). Waste site 300-10 is part of the 300-FF-2 Operable Unit (OU). During preparation of the RDR/RAWP, a decision was made to include the waste site with 300-FF-1 remediation activities because of its close proximity to the 300 Area Process Trenches and its small size. Contaminated soil was removed from the site and sent to the Environmental Restoration Disposal Facility (ERDF). Analysis of verification samples showed that remaining soil within the area is below the 300-FF-1 cleanup standards. The waste site no longer poses an unacceptable threat to human health or the environment as demonstrated in the referenced verification package.		
Justification and Impact of Change: This form documents agreement among the parties listed below to classify the subject waste site from the TPA solid waste management unit listing as closed out. Final removal from the NPL will occur at a future date.		
V.R. Dronen BHI Project Manager		Date 12/16/97
R.G. McLeod DOE Project Manager		Date 12-17-97
N/A - EPA Lead Site Ecology Project Manager		Date
D.R. Einan EPA Project Manager		Date 17 Dec 97
Per Action Plan for Implementation of the Hanford Consent Order and Compliance Agreement Section 9.3		

DOE Program: EM-30 Confirmed By Program: Yes
 DOE Division: STO - Science & Technology Operations
 Responsible Contractor/Subcontractor: PNNL Pacific Northwest National Laboratory.

Site Evaluation

Solid Waste Management Unit: Yes
 TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category:
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Animal Waste	Amount:	25,000.00
Category:	Nondangerous/nonradioactive	Units:	Gallons per day
Physical State:	Liquid		
Start Date:	1972	End Date:	1979
Description:	Animal waste from the 331 Complex were routed through the animal waste sewer to the 331-D animal waste treatment facility.		
References:			

Field Work:

Type: Site Walkdown
 Begin Date: 07/17/1995 Field Crew: T. F. Johnson

End Date: 07/18/1995

Purpose: Initial Review

Site Cover:

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Type: Radiation Survey

Begin Date: 09/15/1998

Field Crew: Eddie Radford, Mitchel Hawkes

End Date: 09/15/1998

Purpose: Confirm Radiological Conditions

Comment: Radiation levels were determined using Micron Micro-Rem radiation detectors. Readings of 4-9 microRem per hour were recorded. These readings are consistent with background radiation levels.

Radiation Survey Identification: 328-98-172

Instrument: Micro/R Meter

Location Description: The survey was taken inside the 331-D Animal Waste Tanks Pit

Max Value: 9

Max Value Units: Micro-rad/hour (μ /hr)

Average Value: 6

Average Value Units: Micro-rad/hour (μ /hr)

References: 1. Colin H. Swanson, 9/18/98, 331-D Pit Survey Results.

Type: Radiation Survey

Begin Date: 09/15/1998

Field Crew: Eddie Radford, Mitchel Hawkes

End Date: 09/15/1998

Purpose: Confirm Radiological Conditions

Comment: The ground around the tank pedestals in the bottom of the pit were surveyed using 67% confidence level direct survey techniques. All survey results were less than minimum detectable activity levels for all instruments used.

Radiation Survey Identification: 318-98-173

Instrument: PAM (Alpha)

Location Description: The survey was taken inside the Animal Waste Tanks Pit.

Max Value: 60

Max Value Units: Disintegrations Per Minute (d/m)

References: 1. Colin H. Swanson, 9/18/98, 331-D Pit Survey Results.

Type: Radiation Survey

Begin Date: 09/15/1998

Field Crew: Eddie Radford, Mitchel Hawkes

End Date: 09/15/1998

Purpose: Confirm Radiological Conditions

Comment: The ground around the tank pedestals in the bottom of the pit were surveyed using 67% confidence level direct survey techniques. All survey results were less than minimum detectable activity levels for all instruments used.

Radiation Survey Identification: 318-98-173
Instrument: GM/P-11 Probe (15.5 sq cm) (Beta-Gamma)
Location Description: The survey was taken inside the Animal Waste Tanks Pit.
Max Value: 140
Max Value Units: Disintegrations Per Minute (d/m)

References: 1. Colin H. Swanson, 9/18/98, 331-D Pit Survey Results.

Type: Radiation Survey

Begin Date: 09/15/1998 **Field Crew:** Eddie Radford, Gary Briggs, J. P Christenson

End Date: 09/15/1998

Purpose: Confirm Radiological Conditions

Comment: The ground around the tank pedestals and the tank pedestals on the bottom of the pit were surveyed using 67% confidence level direct survey techniques. All survey results were less than minimum detectable activity levels for all instruments used.

Radiation Survey Identification: 331-98-0149
Instrument: PAM (Alpha)
Location Description: The survey was taken in the center of the tank pedestals that remain in place and the ground surrounding the pedestals.
Max Value: 60
Max Value Units: Micro-rad/hour (μ /hr)

References: 1. Colin H. Swanson, 9/18/98, 331-D Pit Survey Results.

Type: Radiation Survey

Begin Date: 09/16/1998 **Field Crew:** Eddie Radford, Gary Briggs, J. P Christenson

End Date: 09/16/1998

Purpose: Confirm Radiological Conditions

Comment: The ground around the tank pedestals and the tank pedestals on the bottom of the pit were surveyed using 67% confidence level direct survey techniques. All survey results were less than minimum detectable activity levels for all instruments used.

Radiation Survey Identification: 331-98-0149
Instrument: GM/P-11 Probe (15.5 sq cm) (Beta-Gamma)
Location Description: The survey was taken in the center of the tank pedestals that remain in place and the ground surrounding the pedestals.
Max Value: 140
Max Value Units: Micro-rad/hour (μ /hr)

References: 1. Colin H. Swanson, 9/18/98, 331-D Pit Survey Results.

Images:

Date Taken: 7/15/95

Pathname: \\bhi002\esd-img\300\1787\1787_01.JPG

Description: This is the 331-D Backwash Storage Tank.

Date Taken: 7/15/95

Pathname: \\bhi002\esd-img\300\1787\1787_02.JPG

Description: This is the 331-D Animal Waste Tank Pit with the 8 remaining tank cradles.

Date Taken: 7/15/95

Pathname: \\bhi002\esd-img\300\1787\1787_03.JPG

Description: This is the diversion chambers located north of the 331-D Building.

Date Taken: 7/15/95

Pathname: \\bhi002\esd-img\300\1787\1787_04.JPG

Description: This is the cover hatch for one of the diversion chambers.

Waste Site Reclassification Form

Date Submitted: 9/21/1998 Originator: R. L. Donahoe, MSIN X9-06 Phone: 373-6879	Operable Unit(s): 300-FF-2 Waste Site ID: 300-14 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-077
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

This site includes the unlined pit east of the building, a backwash storage tank, and six diversion chambers that are located north of the pit. Originally, the animal waste collection tanks were located in a pit just east of the 331-D Animal Waste Treatment Building. The pit is 28.0 meters (92 feet) by 22.3 meters (73 feet) and approximately 7.6 meters (25 feet) deep. The sides of the pit slope about 30 degrees. The tanks have been removed. Eight concrete tank pedestals remain at the bottom of the pit. A stairway leads to the bottom of the pit. A backwash storage tank remains between the 331-D building and the pit. Six diversion chambers for the sewer system are located northwest of the pit.

Basis for reclassification:

Radiation surveys of the pit and tank bases were conducted on September 15, and September 16, 1998. For all instruments used, the survey results were less than minimum detectable activity levels.

<i>Mary C Burandt</i>	<i>Mary E Burandt</i>	<i>9/22/98</i>
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
	<i>David R. Einar</i>	<i>22 Sept 98</i>
EPA Project Manager	Signature	Date

Responsible**Contractor/Subcontractor:** BWHC - B&W Hanford Company**Site Evaluation****Solid Waste Management Unit:** No**TPA Waste Management Unit Type:****Permitting****RCRA Part A Permit:** No**216/218 Permit:** No**RCRA Part B Permit:** No**NPDES:** No**Closure Plan:** No**State Waste Discharge Permit:** No**TSD Number:****Septic Permit:** No**Air Operating Permit:** No**Inert Landfill:** No**Air Operating Permit
Number(s):****Tri-Party Agreement****Lead Regulatory Agency:** EPA**Unit Category:****TPA Appendix:****Remediation and Closure****Decision Document:****Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:****Type:** Equipment**Category:** Hazardous/Dangerous**Physical State:** Solid**End Date:** 1973**Description:** The waste was a tank containing limestone used to neutralize acid waste. The tank was removed in 1973.**References:** 1. E. A. Weakley, 10/22/76, United Nuclear Industries, Inc.: History and Status of Environmental Improvements for Fuels Production Division, UNI-652.**Unplanned Releases:****Release Name:** Waste etch acid solution leaks from failed underground limestone tank.**Reported Date:** August 1, 1973**Occurrence Rpt #:** UO-73-27**Begin Date:** August 1, 1973**Ref. Site Code:** UPR-300-13**End Date:**

Description: The underground limestone neutralization tank failed, leaking an undetermined volume of waste etch acid solution to the subsoil. Some of the contaminated soil was removed and buried with the failed tank. Additional contaminated soil was removed and buried during the excavation for the 334-A Building tank pit (about 3 meters (10 feet) inside depth below grade). The residual contaminated soil beneath the 334-A Building is an unplanned release soil site (WIDS Site UPR-300-13).

References:

1. 3/96, 300 Area Waste Acid Treatment System Closure Plan, DOE/RL-90-11, Rev 1.
2. 7/31/73, Failed Limestone Neutralization Tank, 300-21, UO-73-27.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-21 2/10/1999
Site Alias(es): 300-21, 333 Building Underground Limestone Tank

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

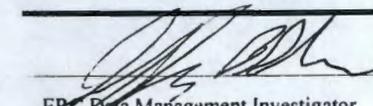
	YES	NO
<p>2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.</p>	<input type="radio"/>	<input checked="" type="radio"/>
<p>2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.</p>		
<p>2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p>		
<p>2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p>		
<p>2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.</p>		
<p>2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.</p>		
<p>2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>		

Site Code: 300-21

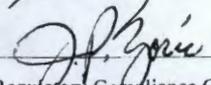
2/10/99

3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES <input type="radio"/> NO <input checked="" type="radio"/>
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>	
3.b. Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/> IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.	
4. Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES <input type="radio"/> NO <input checked="" type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES <input type="radio"/> NO <input checked="" type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES <input type="radio"/> NO <input checked="" type="radio"/>
7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES <input type="radio"/> NO <input checked="" type="radio"/>

Comments: The tank has been removed. The soil contamination resulting from the tank failure is accounted for in WIDS Site UPR-300-13.

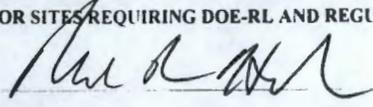

EPC Data Management Investigator

2/11/99
Date

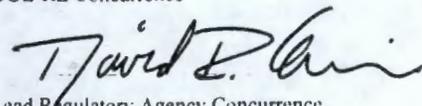

Regulatory Compliance Concurrence

2-11-99
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

2/12/99
Date


Lead Regulatory Agency Concurrence

2/22/99
Date

Capacity: 18,927.06 Liters 5,000.00 Gallons

References: 1. Relocation Diesel Fuel Feed System Plan & Section, H-3-11224, Rev 3.
2. D. S. Smith, 9/96, Site Assessment Report for the 309-1 Underground Storage Tank (UST), CCN 036527.

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-60 Confirmed By Program: Yes
DOE Division: TPD - Transition Program Division
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: Petroleum UST
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document: Site Assessment
Closure Type:
Post Closure Requirements:

Residual Waste:
New Site Code:

Waste Information:

Type: Storage Tank
Category: Hazardous/Dangerous
Physical State: Liquid
Start Date: 1959 End Date: 1969
Waste Obscured: Soil Overburden

Description: The waste was the abandoned underground storage tank (UST). Residual diesel fuel and water remained in the tank.

References:

1. James E. Rasmussen, 10/24/96, Underground Storage Tank (UST) Closure Notice and Results of Site Assessment For the 309-1 UST, 97-EAP-016.
2. D. S. Smith, 9/96, Site Assessment Report for the 309-1 Underground Storage Tank (UST), CCN 036527.

Field Work:

Type: Site Walkdown

Begin Date: 07/29/1996 **Field Crew:** D. L. Smith

End Date: 07/29/1996

Purpose: Initial Review

Site Cover: Bare Soil

Site Accessible: No **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

Vegetation Type: Disturbed

Soil Color: Yellow

Soil Texture: Sand (>50%)

Comment: The native soils in this area are sandy gravels, gravelly sands, and sands. The depth to groundwater in this area is 9 - 21 meters (29 - 69 feet).

References:

1. D. S. Smith, 9/96, Site Assessment Report for the 309-1 Underground Storage Tank (UST), CCN 036527.

Type: Analytical Sampling

Begin Date: 08/24/1996

End Date: 08/24/1996

Purpose: Determine Release of Diesel Fuel

Comment: Quanterra performed the sample analyses. The sample authorization form (SAF) was number B96-145. The field log book was WHC -N-205 #60, pages 30 - 34.

Sample Number: BOJ080

Location Description: The sample was taken from the spoils pile east of the excavation (tank removal).

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	25 Milligrams per Kilogram	EPA 8015	25 Milligrams per Kilogram

Sample Number: BOJ080

Location Description: This is a sample split used for laboratory quality assurance..

Result Summary: Quality Assurance/quality control results were within acceptable limits.

Sample Number: B0J081

Location Description: The sample was taken from the spoils pile west of the excavation (tank removal).

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	25 Milligrams per Kilogram	EPA 8015	25 Milligrams per Kilogram

Sample Number: B0J082

Location Description: The sample was taken from the spoils pile west of the excavation (tank removal).

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	26 Milligrams per Kilogram	EPA 8015	26 Milligrams per Kilogram

Sample Number: B0J083

Location Description: The sample was taken from the bottom of the excavation (tank removal) at the elbow of the supply line to the building.

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	52 Milligrams per Kilogram	EPA 8015	26 Milligrams per Kilogram

Sample Number: B0J084

Location Description: The sample was taken from the south wall of the tank, 30.5 centimeters (1 foot) below the imprint in the soil.

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	25 Milligrams per Kilogram	EPA 8015	25 Milligrams per Kilogram

Sample Number: B0J085

Location Description: The sample was taken from the bottom of the tank, 30.5 centimeters (1 foot) below the imprint in soil.

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	26 Milligrams per Kilogram	EPA 8015	26 Milligrams per Kilogram

Sample Number: B0J086

Location Description: The sample was taken from the bottom of the tank, 30.5 centimeters (1 foot) below the imprint in the soil (duplicate).

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	26 Milligrams per Kilogram	EPA 8015	26 Milligrams per Kilogram

Sample Number: BOJ087

Location Description: The sample was taken from the north wall of the tank, 30.5 centimeters (1 foot) below the imprint in the soil.

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	25 Milligrams per Kilogram	EPA 8015	25 Milligrams per Kilogram

Sample Number: BOJ088

Location Description: The sample was taken from the bottom of the excavation (tank removal) at the supply line penetration into the building.

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	27 Milligrams per Kilogram	EPA 8015	27 Milligrams per Kilogram

Sample Number: BOJ089

Location Description: The sample was taken from the bottom of the excavation (tank removal) at the return line penetration into the building.

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	25 Milligrams per Kilogram	EPA 8015	25 Milligrams per Kilogram

Sample Number: BOJ090

Location Description: The sample was a blank.

Result Summary: The results were below the 200 milligrams per kilogram regulatory limit.

Analyte	CAS Number	Concentrations Measured	Analytical Method	Detection Limit
Total petroleum hydrocarbons - diesel range	TPHDIESEL	25 Milligrams per Kilogram	EPA 8015	25 Milligrams per Kilogram

References: 1. D. S. Smith, 9/96, Site Assessment Report for the 309-1 Underground Storage Tank (UST), CCN 036527.

Waste Site Reclassification Form

Date Submitted: 11/16/1998 Originator: John Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 300-23 Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Control Number: 98-185 Form Status: Approved
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

This site no longer exists as a waste site. The tank has been removed and the trench backfilled. Previously, this site was a tank that held diesel fuel used to power the Plutonium Recycle Test Reactor (PRTR) emergency generator located inside the 309 Building. The tank was installed in 1959 and taken out of service (abandoned) in 1969. The tank was removed on August 24, 1996. Following the site assessment process, the trench was backfilled on August 26, 1996.

Basis for reclassification:

A site assessment was conducted following the guidance from the Washington State Department of Ecology, Guidance for Site Checks and Site Assessments for Underground Storage Tanks. The assessment is described in the Site Assessment Report for the 309-1 Underground Storage Tank (UST) correspondence control number 036527. The tank was excavated and examined for potential leaks. No discolored soil was observed. There was no groundwater in the tank excavation. Samples (Sampling Authorization Form - B96-145) were taken as follows: B0J080, spoils pile east of excavation; B0J081, spoils pile west of excavation; B0J082, spoils pile west of excavation; B0J083, bottom of excavation at elbow of supply line to building; B0J084, south wall of tank, one foot below imprint in soil; B0J085, bottom of tank, one foot below imprint in soil; B0J086, bottom of tank, one foot below imprint in soil (duplicate); B0J087, north wall of tank, one foot below imprint in soil; B0J088, bottom of excavation at supply line penetration into building; B0J089, bottom of excavation at return line penetration into building; B0J090, sample blank. The results of the site assessment indicated that a confirmed release of a regulated substance did not occur. No signature is required on this form (See mail message from Mr. Ted Wooley).

_____	_____	_____
DOE Project Manager	Signature	Date
_____	_____	_____
Ecology Project Manager	Signature	Date
_____	_____	_____
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code:	300-26	Site Reclassification Status:	Rejected	Page	1
Site Names:	300-26, Powerhouse Fuel Oil Spill, 384 Powerhouse #6 Fuel Oil Spill, Delivery Truck Spillage on Roads				
Site Type:	Unplanned Release	Start Date:	1991		
Status:	Inactive	End Date:	1991		
Operable Unit:	300-FF-2	Coordinates:			
Hanford Area:	300	(E)	593951.125		
		(N)	116027.859		
		Washington State Plane			
Site Description:	The site was an unplanned release. The area of the release was previously used as a coal pile for the 384 Powerhouse. The soil is stained dark from coal dust. There is no visible evidence of the #6 fuel oil spill in the area. On the south side of the site adjacent to Apple Street there is an Underground Radioactive Material sign; and a buried gas pipeline.				
Location Description:	The site is located on the east side of the 384 Powerhouse, just south of the 366 Fuel Oil Bunker, at the refueling area.				
Associated Structures:	The site is associated with the 384 Powerhouse and 366/366A Fuel Oil Bunkers (WIDS Site 300-6).				
Site Comment:	.It is not possible to determine the location of this specific spill. The soil is stained dark from coal dust and other spills that may have occurred in the area.				
	The "Essential Materials Specification Manual: N Reactor" provides a description of #6 fuel oil. It states that #6 fuel oil is a high-viscosity oil, sometimes referred to as "Bunker C", and is used mostly in commercial and industrial heating. It requires preheating in the storage tank to permit pumping and additional preheating at the burner to permit atomizing. A physical requirements table lists the allowable kinematic viscosity range as 92 to 638 centistokes at 50 degrees Celsius (122 degrees Fahrenheit).				
	Because of the physical properties of #6 fuel oil, the material must be delivered in vehicles with heated tanks. Any oil that dripped would have quickly cooled to the ambient air temperature. The maximum temperature on the day of the spill was 4.4 degrees Celsius (40 degrees Fahrenheit) and the maximum temperature during the following week was 10.0 degrees Celsius (50 degrees Fahrenheit). At 10 degrees Celsius, the kinematic viscosity of the fuel oil would have ranged between 4,000 and 40,000 centistokes. According to a common material comparison, this is roughly equivalent to a range between pancake syrup and catsup.				
Cleanup Activities:	On December 31, 1991, an offsite vendor's fuel oil truck spilled #6 fuel oil during departure onto the gravel and paved road. The trucking firm was contacted to inspect the truck and to determine the cause of the spill. The puddled areas of the spill were cleaned up with absorbent materials and disposed of by the vendor. The trucking firm was contacted to perform final clean up activities. According to the occurrence report, the trucking company has completed these activities. There is no information in the occurrence report to indicate the volume of material spilled or the methods that were used for the clean up.				
Release Description:	After refueling of the 366 Fuel Oil Bunkers, an offsite vendor's fuel oil truck spilled #6 fuel oil during departure onto the gravel and paved road. The driver stated that he had left a siphon tube valve cracked open which released the fuel oil to the ground. The date of the spill was December 31, 1991.				
Access Comments:	There was no smoking at this site.				
References:	<ol style="list-style-type: none">1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.2. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.3. 11/9/98, Field Logbook for Les Walker, EL-1488.4. S. L. Camp, Jr., 11/16/93, Spillage of #6 Fuel Oil, RL--WHC-WHC300EM-1991-1032.5. 1/20/99, Web Page: Viscosity of Fuel Oils, http://pump.net/liquiddata/viscfueloils.htm.6. 6/30/75, Essential Materials Specification Manual: N Reactor, DUN-M-42, Pt. A.7. Jeff Shearer with Ken Burk, PNNL, 1/20/99, Telecon: Weather Data 12/31/1991 to 1/7/1992.				

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-70 **Confirmed By Program:** Yes
 DOE Division: SID - Site Infrastructure Division
 Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No
 TPA Waste Management Unit Type: Unplanned Release Unit

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category:
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Oil
 Category: Hazardous/Dangerous
 Physical State: Liquid **Reported Date:** 1991
 Start Date: 1991 **End Date:** 1991
 Description: The waste is #6 fuel oil contaminated soil and gravel. The release occurred on December 31, 1991. The occurrence report does not contain an estimate of the volume. There is no information on the extent of the spill. The leak was not discovered until after the truck left the job site.
 References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

2. S. L. Camp, Jr., 11/16/93, Spillage of #6 Fuel Oil, RL-WHC-WHC300EM-1991-1032.

Field Work:

Type: Site Walkdown
Begin Date: 05/15/1995 **Field Crew:** T. F. Johnson, Sam Camp
End Date: 05/15/1995
Purpose: Initial Review
Comment: This was the initial walkdown for the site. Coal ash obscures the ability to identify any stained soil.

Site Cover:

Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: Yes **Debris Visible:** No

References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Type: Site Walkdown
Begin Date: 11/10/1998 **Field Crew:** L.D. Walker, D.C. Weekes
End Date: 11/10/1998
Purpose: site verification
Site Cover: Gravel or Rock
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: Yes **Debris Visible:** No
Soil Color: Dark Brown
Soil Texture: Gravel (>50%, <1 inch)
Comment: The soil color is dark brown to black, due to coal residue. Some of the discoloration may be due to fuel spills.

References: 1. 11/9/98, Field Logbook for Les Walker, EL-1488.

Images:

Date Taken: 11/10/98
Pathname: \\bhi002\esd-img\300\1783\1783_01.JPG
Description: This photo shows the door to the 366 Fuel Oil Bunker support building, just north of the spill site.

Date Taken: 11/10/98
Pathname: \\bhi002\esd-img\300\1783\1783_02.JPG
Description: This photo views northeast and shows the 366 Fuel Oil Bunker on the north side of the spill site.

Date Taken: 11/10/98
Pathname: \\bhi002\esd-img\300\1783\1783_03.JPG
Description: This is a site overview, looking to the northeast over the gravel area where the spill took place. In the foreground there is an Underground Radioactive Material posting sign.

Date Taken: 5/1/95
Pathname: \\bhi002\esd-img\300\1783\1783_04.JPG

Description:	This photo shows the 366/366A Fuel Oil Bunker.
Date Taken:	5/1/95
Pathname:	\\bhi002\lesd-img\300\1783\1783_05.JPG
Description:	This photo shows the 366/366A Fuel Oil Bunker.
Date Taken:	5/1/95
Pathname:	\\bhi002\lesd-img\300\1783\1783_06.JPG
Description:	This photo shows the 366/366A Fuel Oil Bunker and adjacent Coal Yard.
Date Taken:	5/1/95
Pathname:	\\bhi002\lesd-img\300\1783\1783_07.JPG
Description:	This photo shows the No.6 Fuel Oil. The bucket shown in this 1995 photo has been removed from the site.
Date Taken:	5/1/95
Pathname:	\\bhi002\lesd-img\300\1783\1783_08.JPG
Description:	This photo views the location of the Powerhouse Fuel Oil Spill.
Date Taken:	5/1/95
Pathname:	\\bhi002\lesd-img\300\1783\1783_09.JPG
Description:	This photo views the east side of the 384 Powerhouse.

Waste Site Reclassification Form

Date Submitted: 12/29/1998 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-26 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-251
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was an unplanned release. After refueling of the 366 Fuel Oil Bunkers, an offsite vendor's fuel oil truck spilled #6 fuel oil during departure onto the gravel and paved road. The driver stated that he had left a siphon tube valve cracked open which released the fuel oil to the ground. The date of the spill was December 31, 1991. #6 fuel oil is a high viscosity material (black or dark brown in color) that was heated by steam lines in order to allow pumping from the fuel bunkers to the powerhouse.

The trucking firm was contacted to perform clean up activities. The puddled areas of the spills were cleaned up with absorbent materials and disposed of by the vendor. According to the occurrence report, the trucking company completed these activities. There is no information in the occurrence report to indicate the volume of material spilled or the methods that were used for the clean up.

Basis for reclassification:

The physical properties of #6 fuel oil, require that the material must be delivered in vehicles with heated tanks. Any oil that dripped would have quickly cooled to the ambient air temperature. The maximum temperature on the day of the spill was 4.4 degrees Celsius (40 degrees Fahrenheit) and the maximum temperature during the following week was 10.0 degrees Celsius (50 degrees Fahrenheit). At 10 degrees Celsius (50 degrees Fahrenheit), the kinematic viscosity of the fuel oil would have ranged between 4,000 and 40,000 centistokes. According to a common material comparison chart, this is roughly equivalent to a range between pancake syrup and catsup. Because of this property, it is doubtful that the fuel oil penetrated into the soil between the time of the spill and when it was cleaned up by the vendor.

The area of the release was previously used as a coal pile for the 384 Powerhouse. The soil in the area contains coal residue. If there was any residue from the spills, they can not be distinguished from the coal residue.

<i>Steven T. Breun</i>	Signature	<i>1/27/99</i> Date
Ecology Project Manager	Signature	Date
<i>David R. Einan</i>	<i>David R. Einan</i> Signature	<i>27 Jan 99</i> Date
EPA Project Manager	Signature	Date

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type:	Soil	Amount:	20.00
Category:	Radioactive	Units:	Liters
Physical State:	Solid	Reported Date:	1991
Start Date:	1991	End Date:	1991

Description: The waste was contaminated soil that was later cleaned up.

References: 1. Davis, Michelle M., 11/16/93, Occurrence Report, RL--PNL-PNLBOPER-1991-0017.

Field Work:

Type:	Site Walkdown	Field Crew:	T. F. Johnson, C. L. Nelson
Begin Date:	06/01/1995		
End Date:	06/06/1995		
Purpose:	Initial Review		

Site Cover:

Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No

References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Type: Site Walkdown

Begin Date:	12/04/1998	Field Crew:	L.D. Walker
End Date:	12/04/1998		
Purpose:	Site verification		
Site Cover:	Gravel or Rock		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No

References: 1. 11/9/98, Field Logbook for Les Walker, EL-1488.

Images:

Date Taken: 12/4/98

Pathname: \\bhi002\esd-img\300\1921\1921_01.JPG

Description: This photo faces the west and shows the northeast section of the 329 Building. The radioactive contamination was found in the gravel in front of the cement pad with the liquid argon tank. This cement pad and tank are more recent than the contamination - this photo matches a photo in the site file that shows the area without the liquid argon tank.

Date Taken: 12/4/98

Pathname: \\bhi002\esd-img\300\1921\1921_02.JPG

Description: This photo shows the northeast part of the 329 Building, with Door 12 on the left. The contamination was found in the gravel below the electrical control boxes mounted on the wall. The entry requirements to the 329 Building are posted on the wall. The liquid argon tank and the cement pad that supports it were installed after the contamination event.

Date Taken: 12/4/98

Pathname: \\bhi002\esd-img\300\1921\1921_03.JPG

Description: This photo looks south towards the 329 Building wall. The radiological contamination was found in the gravel below the electrical control boxes. Door 12 is on the left. The cement pad and tank on the right are more recent than the contamination event. The radiological postings on the wall are the entry requirements for the building.

Waste Site Reclassification Form

Date Submitted: 1/4/1999 Originator: J. A. Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 300-27 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-02
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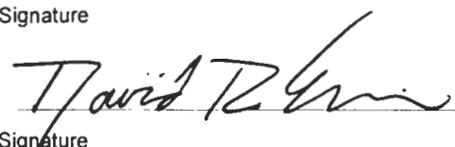
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

During a routine radiation survey outside of the 329 Biophysics Laboratory on August 14, 1991, a radiation protection technologist (RPT) found radioactive contamination levels of approximately 40,000 disintegrations per minute (dpm) beta-gamma in a one square foot area of soil. The contamination was marked with spray paint, covered with plastic sheeting, and the area was roped off. A suitable temporary containment structure was constructed. The site was excavated to determine the extent and to remove the contamination problem. All contaminated soil was removed via a 208 liter (55 gallon) drum (approximately a 5 gallon pail's worth of soil). Work was completed on November 8, 1991.

Basis for reclassification:

According to the occurrence report (RL--PNL-PNLOPER-1991-1036), "all contaminated soil was removed." The report also states that radiation protection technologists (RPT's) were present during all operations.

<i>Mark R. Hahn</i>		<i>2/12/99</i>
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
<i>David R. Einan</i>		<i>12 Feb 99</i>
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-30

Site Reclassification Status: Rejected

Page 1

Site Names: 300-30, 3705 Photography Building

Site Type: Process Unit/Plant

Start Date: 1963

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593661.938

(N) 116055.406

Washington State Plane

Site Description: The 3705 Building is a rectangular, one-story concrete block building erected on concrete footings and a slab-on-grade concrete floor. A corrugated metal sided mechanical room penthouse has been erected on the building roof. The roof itself is flat and is covered with built-up tar and gravel. The building contains no windows. Interior partitions are either gypsum wall board on stud frames or movable metal. Utilities serving the building include sanitary water and sewer, compressed air, process water, and electricity. The building was connected to the process sewer, but all connections were capped when the building was remodeled, probably between 1988 and 1990. The capped process sewer connection for the silver reclamation process is located behind a sheet rock wall that has been marked with an identification sticker.

Location Description: The 3705 Photography Building is inside the 300 Area, just north of the Apple Street Gate. It is on the west side of Alaska Street.

Process Description: From 1963 through the early 1970's, the building was used to process personnel dosimetry badges and meters. Various radioactive sources were kept and used at the facility. In 1968, a 1.96 microcurie americium-241 source was found to be ruptured and the contamination was subsequently cleaned up (See Releases Section).

Since the early 1970's, the facility has provided photographic services, including still camera assignments, color slides work, contract printing, and black and white or color enlargements. Within the facility is the silver reclamation unit that is used to treat the spent photoprocessing chemicals to recover silver for recycling. During the silver reclamation process, liquids from film processing are run through a chemical recovery column (CRC) that precipitates out silver.

The building use to be connected to the process sewer and the sanitary sewer. All process sewer connections were capped when the building was remodeled, probably between 1988 and 1990. The silver depleted liquid effluent produced from the silver reclamation process is a nonregulated, nonhazardous waste that is no longer discharged to the sanitary sewer. It is collected in 114 liter (30 gallon) drums and then sent offsite for disposal. The silver enriched CRC's are treated as recyclable material and periodically sent to a refiner for processing.

Washwater and overflow from the developers is sent to the City of Richland sanitary sewer. Prior to 1998, this waste stream went to the 300 Area Sanitary Sewer Trenches (WIDS Site 300 SSS).

Associated Structures: The site is associated with the 300 Area Sanitary and Process Sewers (WIDS Sites 300 SSS and 300-15) and the 3746-D Silver Reclamation Process Facility (WIDS Site 3746-D SR).

Site Comment: The silver reclamation process was housed in the 3705 Building from the early 1970's until 1984, when it was moved to 3746-D (WIDS Site 3746-D SR). New silver reclamation equipment was installed in the 3705 Building in October 1996. The older silver reclamation equipment remains in the 3746-D Facility (WIDS Site 3745-D SR) as a standby unit.

Access Comments: Authorized personnel only are allowed full access to the facility.

Access Requirements: Facility Landlord escort required

References:

1. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.
2. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
3. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.
4. 12/84, Facilities Catalog, PNL-MA-587.

5. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.
6. 11/13/98, Waste Disposition in 3705 Photography Building.
7. G. E. King, 6/68, Radiation Occurrence Report BNW-68-28, PNL-8193-DEL.

Dimensions:

Length:	28.65 Meters	94.00 Feet
Width:	20.73 Meters	68.00 Feet
Depth / Height:	7.01 Meters	23.00 Feet

Site Shape: Rectangle

Comment: The dimensions of the building are shown here.

References: 1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.

Regulatory Information:**Programmatic Responsibility**

DOE Program:	EM-70	Confirmed By Program:	Yes
DOE Division:	SID - Site Infrastructure Division		
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	Other Storage Area

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency:	EPA
Unit Category:	Decontamination & Decommissioning (D&D)
TPA Appendix:	

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:**Type:** Chemicals**Category:** Hazardous/Dangerous**Physical State:** Liquid**Description:** The waste is spent photoprocessing chemicals. Prior to silver reclamation, the chemicals designate as a hazardous waste. After the silver reclamation, the solutions are nonregulated and nonhazardous. The treated solutions are disposed of offsite. The recovered silver is shipped offsite for recycling.

Additional waste is nondangerous/nonhazardous washwater and overflow from the film developers that goes to the City of Richland sanitary sewer system.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.
3. 11/13/98, Waste Disposition in 3705 Photography Building.
4. 5/8/97, Summary of Testing of 3705 Photography Building Spent Photography Waste.

Unplanned Releases:**Release Name:** Radiation Occurrence Report BNW-68-23**Reported Date:** 6/5/68**Occurrence Rpt #:** BNW-68-23**Begin Date:** 6/5/68**Ref. Site Code:****End Date:** 6/6/68**Description:** On June 5, 1968, a person was working with a 1.96 microcurie americium-241 source which unknowingly to him was ruptured. The following morning during a routine lung count at the 747-A Building, it was found he had contamination on his hand (left middle finger 5,000 disintegrations per minute, heel of right hand 500 disintegrations per minute). A survey of the lab in the northwest corner of the 3705 Building indicated the following conditions: bench top 10,000 disintegrations per minute, crystal 10,000 disintegrations per minute, chair 1,000 disintegrations per minute, knobs on equipment 1-5,000 disintegrations per minute. The clothing the person wore both days was not contaminated. Surveys of other equipment that he had worked with, locations he had been, and his car indicated no contamination present. Other personnel in the 3705 Building who may have been in the lab were surveyed and no contamination was detected. The lab was decontaminated.**References:**

1. G. E. King, 6/68, Radiation Occurrence Report BNW-68-28, PNL-8193-DEL.

Field Work:**Type:** Site Walkdown**Begin Date:** 05/26/1995**Field Crew:** T. F. Johnson, Skip Gest**End Date:** 05/26/1995**Purpose:** Initial Review**Site Cover:****Site Accessible:** No**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No**References:**

1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Type: Site Walkdown**Begin Date:** 11/10/1998**Field Crew:** D. C. Weekes, L. Walker

End Date: 11/10/1998

Purpose: Site Verification

Site Cover: Concrete

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

Comment: The process sewer connection for the silver reclamation process was capped and is behind a sheetrock wall in the 3705 building. All other connections to the process sewer are capped. The silver reclamation process does not generate any hazardous waste. Liquid from film processing is run through an ion exchange column and the liquid effluent is contained and shipped offsite for disposal. The ion exchange column with silver is changed out and sent to a refiner to recover the silver. The building is connected to the sanitary sewer.

References: 1. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.
2. 11/13/98, Waste Disposition in 3705 Photography Building.

Type: Analytical Sampling

Begin Date: 05/08/1997

End Date: 05/08/1997

Purpose: Test Photo Effluent Solutions

Comment: The data presents the results of analyses performed on different process streams from the photographic equipment. The data is from a summary table that did not contain the sample numbers. The name listed under "sample number" is the machine from which the sample was taken. The date provided is the date the summary table was prepared. Sampling results support the statement (lited in the reference) that none of the photography lab processes are regulated either by state or federal restrictions. The following analyses were performed:

Ammonium Thiosulfate - It was decided that analyzing for the thiosulfate ion was the proper strategy in isolating the ammonium thiosulfate within the matrix. The method detection limit was conservatively estimated to be 0.5 parts per million thiosulfate. The regulatory limit is 5 milligrams/liter (WAC 173-303)

Hydroquinone - The regulatory limit is 10,000 milligrams/liter (WAC 173-303).

Silver - A heavy metals analysis was requested for specifically by Ecology. The only heavy metal of concern identified in discussion was silver. The regulatory limit is 5 milligrams/liter (WAC 173-303).

pH - This analysis was specifically requested by Ecology. The regulatory limit is pH less than 2 or greater than 12.5 (WAC 173-303).

Specific Gravity - This analysis was specifically requested by Ecology. No regulatory limit is listed.

Sample Number: Black & White

Location Description:

Result Summary: The sample results were: 0.025 milligrams/liter silver; pH of 7.25; specific gravity of 1.00; 2.4 parts per million ammonium thiosulfate; and non detect for hydroquinone.

Sample Number: C-46

Location Description:

Result Summary: The sample results were: non detect for silver; pH of 5.63; specific gravity of 1.01; 3.1 parts per million ammonium thiosulfate; and non detect for hydroquinone.

Sample Number: E-6

Location Description:

Result Summary: The sample results were: 0.020 milligrams/liter silver; pH of 8.93; specific gravity of 1.00; 1.6 parts per million ammonium thiosulfate; and non detect for hydroquinone.

Sample Number: Log-E

Location Description:

Result Summary: The sample results were: 0.343 milligrams/liter silver; pH of 7.68; specific gravity of 1.00; 36 parts per million ammonium thiosulfate; and non detect for hydroquinone.

Sample Number: Prostar

Location Description:

Result Summary: The sample results were: 4.18 milligrams/liter silver; pH of 8.52; specific gravity of 0.991; 200 parts per million ammonium thiosulfate; and non detect for hydroquinone.

Sample Number: RA-4

Location Description:

Result Summary: The sample results were: 3.12 milligrams/liter silver; pH of 9.06; specific gravity of 1.01; 140 parts per million ammonium thiosulfate; and non detect for hydroquinone.

Sample Number: RA-4 pre CRC

Location Description:

Result Summary: The sample results were: 17.3 milligrams/liter silver; pH of 5.46; specific gravity of 1.12; 64,000 parts per million ammonium thiosulfate; and non detect for hydroquinone. This is solution prior to the silver recovery process. It exceeds regulatory limits for silver.

Sample Number: Royal Print

Location Description:

Result Summary: The sample results were: 3.48 milligrams/liter silver; pH of 7.21; specific gravity of 0.996; 237 parts per million ammonium thiosulfate; and non detect for hydroquinone.

References: 1. 5/8/97, Summary of Testing of 3705 Photography Building Spent Photography Waste.

Images:

Date Taken: 11/10/98

Pathname: \\bhi002\esd-img\300\1919\1919_01.JPG

Description: This photo shows the location of the process sewage pipe in the center of the 3705 building. The pipe is behind the wall and is marked with an identification label.

Date Taken: 11/10/98

Pathname: \\bhi002\esd-img\300\1919\1919_02.JPG

Description: This photo views northeast towards the 3705 building.

Waste Site Reclassification Form

Date Submitted: 1/11/1999 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-30 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-010
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

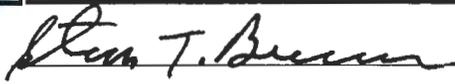
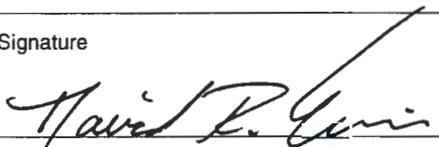
From 1963 through the early 1970's, the building was used to process personnel dosimetry badges and meters. Various radioactive sources were kept and used at the facility. In 1968, a 1.96 microcurie americium-241 source was found to be ruptured. Contamination was found in the northwest corner of the building. The laboratory was cleaned up.

Since the early 1970's, the facility has provided photographic services, including still camera assignments, color slides work, contract printing, and black and white or color enlargements. Within the facility is the silver reclamation unit that is used to treat the spent photoprocessing chemicals and recover the silver for recycling.

The building was connected to the process sewer and the sanitary sewer. All process sewer connections were capped when the building was remodeled, probably between 1988 and 1990. Nonhazardous/nonregulated process wastewater is no longer discharged to the sanitary sewer. This effluent is collected in drums and shipped offsite for disposal.

Basis for reclassification:

Waste streams to the process sewer have been eliminated. Waste streams that were routed to the 300 Area Sanitary Sewer System (Trenches) have been rerouted to the City of Richland sanitary sewer. The silver reclamation effluent stream is collected and shipped off site. Sampling results support the statement that none of the photography lab processes are regulated either by state or federal restrictions. The only known release was contained within the facility. This release was cleaned up.

<i>ST Burnum</i>		<i>1/27/99</i>
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i>		<i>27 Jan 99</i>
EPA Project Manager	Signature	Date

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 300-35

Site Reclassification Status: Closed Out

Page 1

Site Names: 300-35, 3706A Fuel Storage Tank

Site Type: Storage Tank

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593806.625

(N) 115929.352

Washington State Plane

Site Description: The site is an abandoned underground fuel storage tank. A 0.51 meter by 0.51 meter (1.7 feet by 1.7 feet) concrete block and sign (at the tank fill connection location) marks the location of the underground tank. The sign reads "EMPTY 300 GALLON UNDERGROUND DIESEL FUEL TANK LOCATED HERE. CONTACT MAINTENANCE Environmental Services South (376-7210) for information".

Location Description: The tank marker is located 1 meter (3.3 feet) from the south wall of the 3706-A Building and 6.1 meters (20 feet) west of the southeast corner of the building.

Process Description: The underground diesel fuel storage tank was used to support emergency generator operations for heating, ventilation, and air conditioning (HVAC).

Associated Structures: The site is associated with the emergency generator.

Site Comment: A suspected abandoned underground fuel tank was discovered south of the 3706A Building. Excavation for electrical upgrades (Project L-047) was stopped and the activity was rerouted around the tank. The outer perimeter of the tank was discovered with ground penetrating radar (surface scan). Facility operating history did not reveal any reported spills from this tank.

Cleanup Activities: The tank was pumped and closed in place. A message on 2/10/1995 from Ted Wooley of the Washington State Department of Ecology says "It appears that the information provided would allow exemption (e.g., abandonment or closure prior to December 22, 1988) under WAC 173-360." A second cc:mail on 3/15/1995 says that "After re-evaluating the data, Ecology agrees that the appropriate disposal steps were taken with the waste water collected. Moreover, closure of the tank in place can serve as final closure of the tank."

Release Description: A review of the facility operating history did not reveal any reported instances of diesel spills. It is anticipated that the normal trace amounts of diesel near the filler connection may be present.

- References:**
1. K. J. Moss, CJ Perkins, 7/19/95, Site Investigation Logbook, WHC-N-1223 1.
 2. K. H. Smith, 9/18/95, Discovery of an Abandoned Underground Fuel Tank, RL--WHC-KHCMAINT-1994-0016.
 3. W. L. Reseck, K. J. Moss, 4/18/95, 3706A Fuel Storage Tank-three photos.
 4. 12/2/86, 300 Area General Layout 10/87, H-3-53734, Sht 1.
 5. Dennis Poor, Tank Closure Notes.
 6. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.
 7. Ted A. Wooley, 3/15/95, 3706A Orphan.
 8. Ted A. Wooley, 2/10/95, 3706 Orphan Tank.

Dimensions:

Capacity: 1,135.62 Liters 300.00 Gallons

- References:**
1. K. J. Moss, CJ Perkins, 7/19/95, Site Investigation Logbook, WHC-N-1223 1.
 2. W. L. Reseck, K. J. Moss, 4/18/95, 3706A Fuel Storage Tank-three photos.
 3. K. J. Moss, 6/7/96, 3706 Underground Diesel Fuel Tank-Digital Photo, 300_35_1.bmp.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
 DOE Division: TPD - Transition Program Division
 Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
 TPA Waste Management Unit Type: Other Storage Area

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: Decontamination & Decommissioning (D&D)
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Storage Tank
 Category: Hazardous/Dangerous
 Physical State: Solid Reported Date: 1994
 Waste Obscured: Soil Overburden
 Description: The waste is an abandoned underground fuel storage tank that was pumped out and closed in place.
 References:
 1. K. J. Moss, CJ Perkins, 7/19/95, Site Investigation Logbook, WHC-N-1223 1.
 2. K. H. Smith, 9/18/95, Discovery of an Abandoned Underground Fuel Tank, RL--WHC-KHCMIAINT-1994-0016.
 3. Deanna Klages, 12/22/94, Test Results for Old Diesel Tank, DSI.

Field Work:

Type: Site Walkdown

Type: Site Walkdown

Begin Date: 06/07/1996 **Field Crew:** K. J. Moss

End Date: 06/07/1996

Purpose: Initial Review

Site Cover:

Site Accessible: No **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. K. J. Moss, CJ Perkins, 7/19/95, Site Investigation Logbook, WHC-N-1223 1.

Type: Site Walkdown

Begin Date: 11/30/1998 **Field Crew:** D. C. Weekes

End Date: 11/30/1998

Purpose: Site Verification

Site Cover: Bare Soil

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

Comment: The site is marked by a cement block with a sign on it.

References: 1. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Type: Analytical Sampling

Begin Date: 12/22/1994

End Date: 12/22/1994

Purpose: Characterize Tank Contents

Comment: The following are the test results for sample number 113094-1. This information was provided via a cc:mail message.

Flashpoint: >100 degrees Centigrade

Diesel Range: 3.5 milligrams per liter

Total Organic Halides: 25 milligrams per liter

Polychlorinated Biphenyls (PCBs were not detected at <100 parts per billion

Total Metals:

Cadmium: 18 parts per billion

Lead: 770 parts per billion

References: 1. Deanna Klages, 12/22/94, Test Results for Old Diesel Tank.

Images:

Date Taken: 11/30/98

Pathname: \\bhi002\esd-img\300\3667\3667_02.JPG

Description: This photo was taken looking north at the monument marking the buried tank.

Date Taken: 11/30/98

Pathname: \\bhi002\esd-img\300\3667\3667_05.JPG

Description: This photo was taken looking north towards the site. The 3706-A Building is immediately north of the site.

Waste Site Reclassification Form

<p>Date Submitted: 1/4/1999</p> <p>Originator: J. A. Remaize, L6-26</p> <p>Phone: (509) 372-1462</p>	<p>Operable Unit(s): 300-FF-2</p> <p>Waste Site ID: 300-35</p> <p>Type of Reclassification Action:</p> <p>Rejected <input type="radio"/></p> <p>Closed-Out <input checked="" type="radio"/></p> <p>No Action <input type="radio"/></p>	<p>Control Number: 99-03</p>
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The underground diesel fuel storage tank was used to support emergency generator operations for heating, ventilation, and air conditioning (HVAC). The tank was pumped and closed in place. A 0.51 meter by 0.51 meter (1.7 feet by 1.7 feet) concrete block and sign (at the tank fill connection location) marks the location of the underground tank. The sign reads "EMPTY 300 GALLON UNDERGROUND DIESEL FUEL TANK LOCATED HERE. CONTACT MAINTENANCE Environmental Services South (376-7210) for information".

Basis for reclassification:

The tank was pumped and closed in place. A message on 2/10/1995 from Ted Wooley of the Washington State Department of Ecology says "It appears that the information provided would allow exemption (e.g., abandonment or closure prior to December 22, 1988) under WAC 173-360." A second cc:mail on 3/15/1995 says that "After re-evaluating the data, Ecology agrees that the appropriate disposal steps were taken with the waste water collected. Moreover, closure of the tank in place can serve as final closure of the tank."

<p><u>Mark R Hahn</u></p> <p>DOE Project Manager</p>	<p><u><i>Mark R Hahn</i></u></p> <p>Signature</p>	<p><u>2/12/99</u></p> <p>Date</p>
<p>Ecology Project Manager</p>	<p>Signature</p>	<p>Date</p>
<p><u>David R Einar</u></p> <p>EPA Project Manager</p>	<p><u><i>David R Einar</i></u></p> <p>Signature</p>	<p><u>2/12/99</u></p> <p>Date</p>

Waste Information Data System General Summary Report

3/2/1999

Site Code: 300-36

Site Classification: Rejected

Page 1

Site Names: 300-36, 384 Powerhouse Oil Release to French Drain

Site Type: Unplanned Release

Start Date: 1995

Status: Inactive

End Date: 1995

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 0

(N) 0

Washington State Plane

Site Description: The site was an unplanned release to a french drain. The french drain received condensate return from the steam heating system that went to the fuel oil bunkers. The french drain is a 0.65 meter (2.13 feet) diameter drain with a rust colored lid. Although gravel around the drain is slightly stained, it is most likely caused from normal steam condensate activity.

Location Description: The oil release was observed in a french drain located north of the 366 Pumphouse, just east of the railroad tracks.

Process Description: The oil bunkers were heated with steam to keep the oil viscous enough to be pumped.

Associated Structures: The release is associated with the french drain known as WIDS Site 300-123 (Miscellaneous Stream #342) and the 366/366A Fuel Oil Bunkers (WIDS Site 300-6).

Site Comment: Minimal amounts of oil indicate the steam heater coil failure was identified a short time after it began.

Cleanup Activities: The oil contaminated rocks and soil were placed into 208 liter (55 gallon) drums and removed for disposal. The contaminated french drain, WIDS Site 300-122, is in WIDS as a separate site. The occurrence report states that #6 fuel oil is not considered a hazardous material.

Release Description: On August 2, 1995, a french drain north of the 366 Building was observed by operations personnel to be overflowing. When the employee lifted the drain lid, oil was noted floating on top of the water. Since the source of the water in the drain was condensate return from the oil bunker steam heating system, the oil indicated a tube bundle failure.

Response included isolating the steam to the underground fuel oil bunkers and removing the oil contaminated rocks and soil. Oil in the french drain was also removed. Clean dirt was used to backfill the area where material was removed.

- References:**
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 2. 8-2-95, Oil Release to a French Drain, RL-WHC-KH&W-1995-0017.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes
DOE Division: SID - Site Infrastructure Division
Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No **216/218 Permit:** No
RCRA Part B Permit: No **NPDES:** No

Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			
		Tri-Party Agreement	
Lead Regulatory Agency:	EPA		
Unit Category:			
TPA Appendix:			
		Remediation and Closure	
Decision Document:			
Decision Document Status:			
Remediation Design Group:			
Closure Document:			
Closure Type:			
Post Closure Requirements:			
		Residual Waste:	

<u>Field Work:</u>			
Type:	Site Walkdown		
Begin Date:	11/24/1998	Field Crew:	CR Webb, Nat Harden
End Date:	11/24/1998		
Purpose:	Verification		
Site Cover:	Gravel or Rock		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	Yes	Debris Visible:	No
Soil Color:	Reddish Brown		
Comment:	The gravel around the french drain is slightly stained, but it is not known if the stain is related to this oil release since it has been documented that the oil contaminated rocks and soil were removed after the release.		
References:	1. C. R. Webb. Field Logbook assigned to Christine Webb, EL-1255.		

<u>Images:</u>	
Date Taken:	11/24/98
Pathname:	\\bhi002\esd-img\300\3668\3668_01.JPG
Description:	This photo shows the 366 pump building.
Date Taken:	11/24/98
Pathname:	\\bhi002\esd-img\300\3668\3668_02.JPG
Description:	This photo shows the french drain on the north side of the 366 Building that received part of the spilled oil.

Date Taken:	11/24/98
Pathname:	\\bhi002\esd-img\300\3668\3668_03.JPG
Description:	This photo shows a close-up of the drain that received oil during this release.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-36	1/14/1999
Site Alias(es):	300-36, 384 Powerhouse Oil Release to French Drain	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input checked="" type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300-36

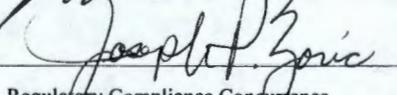
1/14/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/> IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>

Comments: The oil spill was cleaned up. The french drain is a separate waste management unit (WIDS Site 300-122) and will be addressed as part of the 300-FF-2.

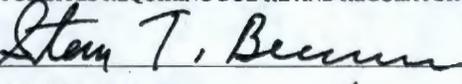

ERM Data Management Investigator

1/14/99
Date


Regulatory Compliance Concurrence

1-14-99
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

1/27/99
Date


Lead Regulatory Agency Concurrence

27 Jan 99
Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-37

Site Reclassification Status: Closed Out

Page 1

Site Names: 300-37, PCB Leak to Soil Adjacent to 335A

Site Type: Unplanned Release

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594375.312

(N) 115778.586

Washington State Plane

Site Description: The site was a polychlorinated biphenyl (PCB) leak that contaminated the soil. The leak originated from a rectifier located on a concrete pad outside of the 335-A Building. The rectifier was installed in the early 1970's, but was never activated.

There are no signs marking the location of the rectifier. The site can only be determined by the use of detailed maps and archive photographs.

Location Description: The site is located in the 300 Area, in a gravel area on the north side of building 336. The site is located inside a fenced area, with the gate open.

Associated Structures: The site was associated with a rectifier, which has been removed.

Site Comment: The EPA Case Reviewer, Ms. Robinson, requested that there was a need to check with Ecology to see if any state regulations apply. As the Washington State regulations were reviewed for applicability, a January 10, 1989, Ecology letter that included discussions of various PCB management issues was located. The letter states that the "EPA would regulate the cleanup of the spilled material so it would be excluded from our rules." The interpretation of this guidance is that as long as the clean up meets all of the TSCA requirements, Washington State regulations would not apply.

The EPA Case Reviewer requested that this information be kept as part of the historical PCB Operating Record. To meet this request, the site was entered into WIDS.

The clean up of the 335 Area was performed in accordance with the requirements of TSCA, in that the rectifier, PCB material, contaminated concrete, and contaminated soil was disposed of appropriately. The soil was sampled and the results from those samples show that there is less than 10 parts per million, hence there should be no regulatory concerns

Cleanup Activities: The rectifier was drained on August 2 and 4, 1993. The fluid contained a PCB level of 680,000 parts per million. The amount of oil in the rectifier at delivery was indicated on the unit at 6,113 liters (1,615 gallons). The amount of fluid removed, approximately 5,867 liters (1,550 gallons), was consistent with the fill data provided on the unit. The 246 liter (65 gallon) differential is typical of the quantity of oil that can not be removed from the rectifier cooling coils. This fluid and the drained rectifier were shipped off site to a licensed PCB disposal facility. After removal of this material, the concrete pad was smeared and PCB contamination of 12,000 parts per million was found in the area below the suspect fittings.

On July 19, 1994 the concrete pad was removed, packaged into drums and shipped off site for disposal as PCB contaminated waste. Crews also removed soil, approximately 2.4 meters by 2.4 meters by 0.3 meters (8 feet by 8 feet by 1 foot) deep, and sampled this soil for PCBs.

The soil was also visually inspected during removal. There was no visual evidence of oil in the soil, nor was the distinctive PCB odor present.

The soil sample results were erroneously read as 140 and 190 parts per million but were actually reported parts per billion. Since these analyses are normally reported in parts per million, the results interpreted as parts per million values warranted more sampling. Another 0.3 meters (1 foot) of soil was removed and sampled. (See sample results section.)

The PCB Case Reviewer for the EPA (Environmental Protection Agency) agreed that appropriate action had taken place, and from a Toxic Substances Control Act (TSCA) standpoint, regulations were met as long as the soil was less than 10 parts per million PCBs at a depth of 25 centimeters (10 inches) below the surface.

Release Description: The polychlorinated biphenyl (PCB) leakage was first identified in April 1993 by the Electrical Utilities personnel. The leakage was observed at two fittings, one being the lower drain valve located near the edge of the concrete pad. The leaks appeared to be small and old, presumably pre-1987. The leaking fittings were covered over with a dirty grease-like coating. There was no visual evidence of oil on the concrete pad or soil surrounding the pad. In addition, there was no distinctive PCB odor at the leak site. The site was immediately roped off and plans for removal of the PCBs were initiated.

References:

1. K. J. Moss, CJ Perkins, 7/19/95, Site Investigation Logbook, WHC-N-1223 1.
2. Steve Szendre, 2/21/95, PCB Leak Adjacent to 335-A Building, 018B0-95-023.
3. Matthew T. Essig, North Creek Analytical Inc, 10/27/94, 335A PCB Leak Soil Sample Results, 410-1455.
4. K. J. Moss, 12/28/94, PCB Sampling at 335/336 Building Rectifier Location.
5. K. J. Moss, 12/29/94, PCB Leak to Soil Adjacent to 335A-Four Photos.
6. 11/9/98, Field Logbook for Les Walker, EL-1488.

Dimensions:

Length:	2.44 Meters	8.00 Feet
Width:	2.44 Meters	8.00 Feet
Depth / Height:	0.30 Meters	1.00 Feet

Site Shape: Irregular

References:

1. K. J. Moss, CJ Perkins, 7/19/95, Site Investigation Logbook, WHC-N-1223 1.
2. Steve Szendre, 2/21/95, PCB Leak Adjacent to 335-A Building, 018B0-95-023.

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned Release Unit

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix:

Remediation and Closure

Decision Document:**Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:****Type:** Oil**Category:** Hazardous/Dangerous**Physical State:** Solid and liquid**Reported Date:** 1994**Description:** The waste was soil contaminated with polychlorinated biphenyls.**References:**

1. K. J. Moss, CJ Perkins, 7/19/95, Site Investigation Logbook, WHC-N-1223 1.
2. Steve Szendre, 2/21/95, PCB Leak Adjacent to 335-A Building, 018B0-95-023.
3. Matthew T. Essig, North Creek Analytical Inc, 10/27/94, 335A PCB Leak Soil Sample Results, 410-1455.
4. K. J. Moss, 12/28/94, PCB Sampling at 335/336 Building Rectifier Location.

Field Work:**Type:** Site Walkdown**Begin Date:** 12/29/1994**Field Crew:** Steve Szendre, K. J. Moss**End Date:** 12/29/1994**Purpose:** Initial Review**Site Cover:****Site Accessible:** No**Site Found:** No**Soil Discoloration:** No**Debris Visible:** No**References:** 1. K. J. Moss, CJ Perkins, 7/19/95, Site Investigation Logbook, WHC-N-1223 1.**Type:** Site Walkdown**Begin Date:** 11/11/1998**Field Crew:** L.D. Walker, D.C. Weekes**End Date:** 11/11/1998**Purpose:** site verification

Comment: The site is currently located inside a fenced area, with the gate open. There are no signs posting site restrictions. There are no site specific markings and the exact former location of the electrical rectifier can only be determined by the use of detailed maps and archive photographs.

Site Cover: Gravel or Rock**Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No**Soil Texture:** Gravel (>50%, <1 inch)

References: 1. 11/9/98, Field Logbook for Les Walker, EL-1488.

Type: Analytical Sampling

Begin Date: 07/19/1994

End Date: 07/19/1994

Purpose: Verification of Cleanup

Comment: Two soil samples were collected and analyzed for polychlorinated biphenyls (PCBs) by North Creek Analytical Laboratory.

Sample Number: 410-1454

Location Description: The sample was taken at 0.6 meters (2 feet) below grade.

Result Summary: The analyte was PCB 1280. The analysis method was EPA 8081. The result was 3,200 parts per billion.

Sample Number: 410-1455

Location Description: The sample was taken at 0.6 meters (2 feet) below grade.

Result Summary: The analyte was PCB 1280. The analysis method was EPA 8081. The result was 520 parts per billion.

References: 1. Steve Szendre, 2/21/95, PCB Leak Adjacent to 335-A Building, 018B0-95-023.
2. K. J. Moss, 12/28/94, PCB Sampling at 335/336 Building Rectifier Location.

Images:

Date Taken: 11/11/98

Pathname: \\bhi002\esd-img\300\3669\3669_05.JPG

Description: This photo looks over the area where the excavation took place near the north side of building 336.

Date Taken: 11/11/98

Pathname: \\bhi002\esd-img\300\3669\3669_06.JPG

Description: This overview of the site looks to the west over the gravel where the excavation took place. Building 335 is in the background, near the access gate in the fence.

Date Taken: 11/11/98

Pathname: \\bhi002\esd-img\300\3669\3669_07.JPG

Description: This photo looks south over the area where the excavation took place, with the corner of building 335 in the background. This view matches that of one of the archive photos taken on December 29, 1994.

Date Taken: 12/29/94

Pathname: \\bhi002\esd-img\300\3669\3669_01.GIF

Description: This photo shows a PCB leak in the soil adjacent to the 335A Building.

Date Taken: 12/29/94

Pathname: \\bhi002\esd-img\300\3669\3669_02.GIF

Description: This photo shows a PCB leak in the soil adjacent to the 335A Building.

Date Taken: 12/29/94

Pathname: \\bhi002\esd-img\300\3669\3669_03.GIF

Description: This photo shows a PCB leak in the soil adjacent to the 335A Building.

Site Code: 300-37

Site Reclassification Status: Closed Out

Page 5

Date Taken: 12/29/94

Pathname: \\bhi002\esd-img\300\3669\3669_04.GIF

Description: This photo shows a PCB leak in the soil adjacent to the 335A Building.

Waste Site Reclassification Form

Date Submitted: 12/5/1998 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-37 Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Control Number: 98-231
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The polychlorinated biphenyl (PCB) leakage was first identified in April 1993 by the Electrical Utilities personnel. The leakage was observed at two fittings, one being the lower drain valve located near the edge of the concrete pad. The leaks appeared to be small and old, presumably pre-1987. The leaking fittings were covered over with a dirty grease-like coating. There was no visual evidence of oil on the concrete pad or soil surrounding the pad. In addition, there was no distinctive PCB odor at the leak site. The site was immediately roped off and plans for removal of the PCBs were initiated.

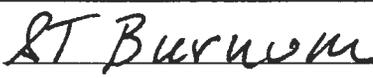
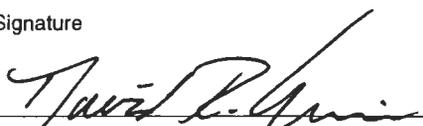
The rectifier was drained on August 2 and 4, 1993. The fluid contained a PCB level of 680,000 parts per million. The amount of oil in the rectifier at delivery was indicated on the unit at 6,113 liters (1,615 gallons). The amount of fluid removed, approximately 5,867 liters (1,550 gallons), was consistent with the fill data provided on the unit. The 246 liter (65 gallon) differential is typical of the quantity of oil that can not be removed from the rectifier cooling coils. This fluid and the drained carcass were shipped off site to a licensed PCB disposal facility. After removal of this material, the concrete pad was smeared and PCB contamination of 12,000 parts per million was found in the area below the suspect fittings

Basis for reclassification:

On July 19, 1994 the concrete pad was removed, packaged into drums and shipped off site for disposal as PCB contaminated waste. Crews also removed soil, approximately 2.4 meters by 2.4 meters by 0.3 meters (8 feet by 8 feet by 1 foot) deep, and sampled this soil for PCBs. The soil was also visually inspected during removal. There was no visual evidence of oil in the soil, nor was the distinctive PCB odor present.

The sample results were erroneously read as 140 and 190 parts per million but were actually reported parts per billion. Since these analyses are normally reported in parts per million, the results interpreted as parts per million values warranted more sampling. Another 0.3 meters (1 foot) of soil was removed and sampled. The sample results for these samples were 520 parts per billion and 3,200 parts per billion.

The clean up of the 335 Area was performed in accordance with the requirements of the Toxic Substances Control Act (TSCA) in that the rectifier, PCB material, contaminated concrete, and contaminated soil was disposed of appropriately. The soil was sampled and the results from those samples show that there is less than 10 parts per million, hence there should be no regulatory concerns.

 DOE Project Manager	 Signature	1/27/99 Date
Ecology Project Manager	Signature	Date
 EPA Project Manager	 Signature	27 Jan 99 Date

Waste Information Data System

General Summary Report

10/7/1999

Site Code: 300-42

Site Classification: Rejected

Page 1

Site Names: 300-42, 306E Fabrication and Testing Laboratory

Site Type: Fabrication Shop

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594038.25

(N) 116124.125

Washington State Plane

Site Description: The site is the 306E Building. The area around the 306E building is paved and posted as having underground radioactive contamination.

Currently, the building is occupied by COGEMA. The building is being used for instrument development and Computer Aided Design (CAD) support.

Location Description: The 306E Building is on the north side of Ginko Street, in the northeast corner of the 300 Area.

Process Description: The original 306 Building was completed in 1956 and named the Fuel Element Pilot Plant. The facility was constructed to support the 313 Building operations. It was expanded in 1960 to contain the co-extrusion fabrication processes for N Reactor fuels fabrication. In 1972, the east half, the new half, was designated as 306E and that portion of the building became the Hanford Engineering Development Laboratory (HEDL.) operated by Westinghouse Electric Corporation. The west portion of the building, which is older, was named 306W and was allocated to Pacific Northwest Laboratories (PNL).

Associated Structures: The site is related to the 306W building, 313 Building, 333 building, 300 Area process sewer, 300 Area sanitary sewer, and WIDS Site 300-258, Abandoned Pipe Trench Between 334 Tank Farm and 306E. Contamination beneath this facility is documented as WIDS Site 300-256. Contamination beneath the adjacent 306W Metal Fabrication Development Building is documented as WIDS Site Code 300-33.

Site Comment: The 306E building (currently an active facility) must be removed in order to remediate contaminated soil (WIDS Site 300-256) beneath the facility.

Release Description: See WIDS Site 300-256 for a description of releases to the soil beneath the 306E Facility.

References:

1. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.
2. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Dimensions:

Length:	57.91 Meters	190.00 Feet
Width:	56.08 Meters	184.00 Feet
Depth / Height:	7.62 Meters	25.00 Feet
Sq. Area:	3,730.99 sqMeters	40,159.96 sqFeet

Site Shape: Square

Comment: This is the area of the 306E Building. The extent and depth of contamination under the 306E Building is unknown.

References:

1. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.
2. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
 DOE Division: TPD - Transition Program Division
 Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No
 TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No
Air Operating Permit Number(s):	

Tri-Party Agreement

Lead Regulatory Agency:
 Unit Category:
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:

Field Work:

Type: Site Walkdown
 Begin Date: 12/08/1998 Field Crew: K.A. Prosser
 End Date: 12/08/1998
 Purpose: Verify site location and conditions
 Comment: The exterior of the building was visited.
 Site Cover:
 Site Accessible: Yes Site Found: Yes
 Soil Discoloration: Debris Visible: No

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 12/8/98

Pathname: \\bhi002\esd-img\300\1925\1925_01.JPG

Description: This photo looks west towards the east side of the 306E Building, just north of the southeast corner.

Date Taken: 12/8/98

Pathname: \\bhi002\esd-img\300\1925\1925_02.JPG

Description: This photo was taken looking northwest towards the east side of the 306E Building.

Date Taken: 12/8/98

Pathname: \\bhi002\esd-img\300\1925\1925_03.JPG

Description: This photo was taken looking west/northwest towards the northeast corner of the 306E Building and the stack located there.

Date Taken: 12/8/98

Pathname: \\bhi002\esd-img\300\1925\1925_04.JPG

Description: This photo shows some of the material northeast of the northeast corner of the 306E Building.

Date Taken: 12/8/98

Pathname: \\bhi002\esd-img\300\1925\1925_05.JPG

Description: This photo looks towards the west along the north side of the 306E Building.

Date Taken: 12/8/98

Pathname: \\bhi002\esd-img\300\1925\1925_06.JPG

Description: This photo shows the north side of the 306E Building just west of the valve pit.

Date Taken: 12/8/98

Pathname: \\bhi002\esd-img\300\1925\1925_07.JPG

Description: This is the french drain behind the east air conditioner unit on the north side of the 306E Building.

Date Taken: 12/8/98

Pathname: \\bhi002\esd-img\300\1925\1925_08.JPG

Description: This photo shows another view of the north side of the 306E Building.

Date Taken: 12/8/98

Pathname: \\bhi002\esd-img\300\1925\1925_09.JPG

Description: This photo shows the south side of the 306E Building.

Date Taken: 12/8/98

Pathname: \\bhi002\esd-img\300\1925\1925_10.JPG

Description: This photo shows one of the two entrance doors on the south side of the 306E Building and the roll-up door.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-42	2/23/1999
Site Alias(es):	300-42, 306E Fabrication and Testing Laboratory	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

	YES	NO
<p>2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.</p>	<input type="radio"/>	<input checked="" type="radio"/>
<p>2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.</p>		
<p>2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p>		
<p>2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p>		
<p>2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p> <p>A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.</p>		
<p>2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.</p>		
<p>2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>		

Site Code: 300-42

2/23/99

3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
	<input type="radio"/>	<input checked="" type="radio"/>
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>		
3.b. Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4. Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
	<input type="radio"/>	<input checked="" type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES	NO
	<input type="radio"/>	<input checked="" type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
	<input type="radio"/>	<input checked="" type="radio"/>
7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
	<input type="radio"/>	<input checked="" type="radio"/>

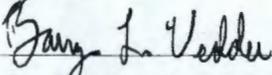
Comments: The site is an active facility.



ERIC Data Management Investigator

2/24/99

Date

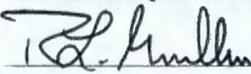


Regulatory Compliance Concurrence

2/24/99

Date

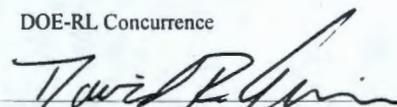
FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14



DOE-RL Concurrence

2/24/99

Date



Lead Regulatory Agency Concurrence

2/24/99

Date

Site Shape: Irregular

References:

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-40 Confirmed By Program: Yes

DOE Division: RPD - Restoration Projects Division

Responsible

Contractor/Subcontractor: BHI - Bechtel Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type: Unplanned release units

Permitting

RCRA Part A Permit: No 216/218 Permit: No

RCRA Part B Permit: No NPDES: No

Closure Plan: No State Waste Discharge Permit: No

TSD Number: No Septic Permit: No

Air Operating Permit: No Inert Landfill: No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: CERCLA Past Practice (CPP)

TPA Appendix: C

Remediation and Closure

Decision Document: Record of Decision, 300-FF-1 and 300-FF-5 (1997); Proximity Site to 316-5

Decision Document Status: Final

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Soil

Category: Mixed

Physical State: Solid

Waste Obscured: Vegetation

References:

Field Work:

Type: Site Walkdown
Begin Date: 09/05/1996 Field Crew: T. F. Johnson
End Date: 09/05/1996
Purpose: Initial Review
Site Cover:
Site Accessible: Yes Site Found: Yes
Soil Discoloration: No Debris Visible: No

References: 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.

Images:

Date Taken:
Pathname: \\bhi002\esd-img\300\3799\3799_01.JPG
Description: Looking northeast.
Date Taken:
Pathname: \\bhi002\esd-img\300\3799\3799_02.JPG
Description: Looking north.

Waste Site Reclassification Form

<p>Date Submitted: 12/9/1999</p> <p>Originator: C. Johnson</p> <p>Phone: 373-6372</p>	<p>Operable Unit(s): 300-FF-2</p> <p>Waste Site ID: 300-45</p> <p>Type of Reclassification Action:</p> <p style="text-align: center;"> Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/> </p>	<p>Control Number: 99- 110</p> <p>Form Status: Approved</p>
--	---	---

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

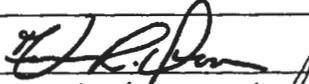
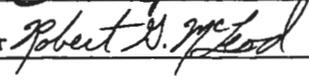
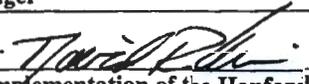
The Department of Energy and Environmental Protection Agency agreement with the site closeout was recorded on a 300 NPL Agreement/Change Control Form, Control number 118, approved 12/17/97.

Basis for reclassification:

Remediation of waste site 300-45 was completed in accordance with the 300-FF-1 Remedial Design Report/Remedial Action Work Plan (RDR/RAWP)(DOE/RL-96-70). Waste site 300-45 is part of the 300-FF-2 Operable Unit. During preparation of the RDR/RAWP, a decision was made to include the waste site with 300-FF-1 remediation activities because of its close proximity to the 300 Area Process Trenches and its small size. Contaminated soil was removed from the site and sent to the Environmental Restoration Disposal Facility (ERDF). Analysis of verification samples showed that remaining soil within the area is below the 300-FF-1 cleanup standards. Analysis of samples from the 300-44 overburden stockpile adjacent to the waste site showed that the material was acceptable for use as backfill material. The waste site no longer poses an unacceptable threat to human health or the environment as demonstrated in the referenced verification package (300-FF-1 Waste Site 300-45 Verification Package, BHI-01136).

Regulator concurrence with supporting documentation (300 NPL Agreement/Change Control Form, Control Number 118) eliminates the need the signatures on this form.

DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
EPA Project Manager	Signature	Date

Control Number: 118	300 NPL Agreement/Change Control Form ___ Change <input checked="" type="checkbox"/> Agreement ___ Information Operable Unit(s): 300-FF-2	Date Submitted: December 9, 1997 Date Approved: 12/17/97
Document Number/Title: 300-FF-2 Waste Site 300-45 Verification Package (BHI-01136)		Date Document Last Issued: N/A
Originator: Charlie Johnson		Phone: 373-6372
Summary Discussion: Remediation of waste site 300-45 was completed in accordance with the <i>300-FF-1 Remedial Design Report/Remedial Action Work Plan (RDR/RAWP)(DOE/RL-96-70)</i> . Waste site 300-45 is part of the 300-FF-2 Operable Unit (OU). During preparation of the RDR/RAWP, a decision was made to include the waste site with 300-FF-1 remediation activities because of its close proximity to the 300 Area Process Trenches and its small size. Contaminated soil was removed from the site and sent to the Environmental Restoration Disposal Facility (ERDF). Analysis of verification samples showed that remaining soil within the area is below the 300-FF-1 cleanup standards. The waste site no longer poses an unacceptable threat to human health or the environment as demonstrated in the referenced verification package.		
Justification and Impact of Change: This form documents agreement among the parties listed below to classify the subject waste site from the TPA solid waste management unit listing as closed out. Final removal from the NPL will occur at a future date.		
V.R. Dronen BHI Project Manager	 Date 12/17/97	
R.G. McLeod DOE Project Manager	 Date 12-17-97	
N/A - EPA Lead Site Ecology Project Manager	Date	
D.R. Einan EPA Project Manager	 Date 17 Dec 97	
Per Action Plan for Implementation of the Hanford Consent Order and Compliance Agreement Section 9.3		

Waste Information Data System
General Summary Report

3/2/1999

Site Code: 300-47

Site Classification: Rejected

Page 1

Site Names: 300-47, Residual Hazardous Substances Northwest of 3708 Building

Site Type: Unplanned Release

Start Date:

Status: Inactive

End Date:

1989

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593834.125

(N) 116044.141

Washington State Plane

Site Description: The site was identified as two locations of potential contamination near the 3708 Building that resulted from tank leakage. The area around the 3708 Building is not currently posted for contamination and there is no evidence of underground tanks. The area is partially paved with asphalt, and otherwise surfaced in crushed gravel. There are no markers where the chemical tank and the oil tank were located. The nearby 3708 Building is posted as "radiologically controlled area", and is not currently in use.

Location Description: The site is located in 300 Area just off the northwest corner of the 3708 Building.

Associated Structures: The two areas of potential contamination are associated with the 3708 Building.

Site Comment: The "Past Practices Technical Characterization Study - 300 Area - Hanford Site", WHC-MR-0388, identifies two sites of concern related to the 3708 Building.

The first location of concern was an underground chemical storage tank located at the northwest corner of the building. According to the report, the tank was removed in 1989. The report is most likely referring to two waste holding tanks that were connected to floor and sink drains and to a decontamination shower in the 3708 Building. Revision 9 of drawing H-3-24366, which was approved on March 4, 1991, shows the tanks had been removed (date not specified). The drawing also shows that all drains to the tank lines were either removed or plugged with concrete or neoprene.

The second location of concern is where an underground oil storage tank had been located. According to the report, the tank was removed "when the building was excavated". It is unclear from the descriptions whether this refers to original construction in 1948, remodeling in 1967, or some other time. The oil tank site has not been found either in the field or on Hanford drawings for the 3708 Building. Layout drawing for the 300 Area were examined and the drawing titles for facilities around the 3708 Building were reviewed, but none indicated the presence of an oil tank.

The "Past Practices Technical Characterization Study - 300 Area - Hanford Site", WHC-MR-0388, lists a single reference to support its description of the 3708 Building. That reference, page 3.53 of GEH-26434, titled "Catalog of Hanford Buildings and Facilities 300 Area: a Report by the AEC-GE Study Group for the Economic Development of Richland", contains no information about tanks located at the 3708 Building. It only contains general construction information and a brief history of the building. Based upon a review of the supporting documentation and the results of the field walkdowns, the potential for contamination at this site appears to be only speculative.

Release Description: No releases have been identified.

Access Comments: There are no posted access restrictions at this site.

References:

1. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.
2. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.
3. 11/9/98, Field Logbook for Les Walker, EL-1488.
4. 11/21/67, Transuranium Pilot Plant Waste Removal Pump & Tank Details Piping Arrangement, H-3-24366, Sht 2, Rev 3.
5. 11/16/67, Transuranium Pilot Plant Piping Arrangement, H-3-24366, Sht 1, Rev 9.

Dimensions:

Length: 22.71 Meters 74.50 Feet
 Width: 15.59 Meters 51.16 Feet
 Sq. Area: 359.35 sqMeters 3,868.00 sqFeet

Comment: These dimensions are for the 3708 Building.

References: 1. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.

Length: 4.04 Meters 13.25 Feet
 Overburden Depth: 1.37 Meters 4.50 Feet
 Diameter: 1.22 Meters 4.00 Feet
 Capacity: 4,542.49 Liters 1,200.00 Gallons
 Site Shape: Rectangle

Comment: The dimensions are for one waste holding tank. Both tanks were identical.

References: 1. 11/21/67, Transuranium Pilot Plant Waste Removal Pump & Tank Details Piping Arrangement, H-3-24366, Sht 2, Rev 3.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
 DOE Division: TPD - Transition Program Division
 Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No
 TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No 216/218 Permit: No
 RCRA Part B Permit: No NPDES: No
 Closure Plan: No State Waste Discharge Permit: No
 TSD Number: Septic Permit: No
 Air Operating Permit: No Inert Landfill: No
 Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: CERCLA Past Practice (CPP)
 TPA Appendix: C

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:

Closure Document:**Closure Type:****Post Closure Requirements:****Residual Waste:****Field Work:****Type:** Site Walkdown**Begin Date:** 09/17/1996**Field Crew:** T. F. Johnson**End Date:** 09/17/1996**Purpose:** Initial Review**Comment:** No evidence of any releases were present.**Site Cover:****Site Accessible:** Yes**Site Found:** No**Soil Discoloration:** No**Debris Visible:** No**References:** 1. T. F. Johnson, 4/28/95, Suspect Waste Site Investigation Logbook, EL-1238.**Type:** Site Walkdown**Begin Date:** 12/01/1998**Field Crew:** L.D. Walker, D.C. Weekes**End Date:** 12/01/1998**Purpose:** Site verification**Site Cover:** Gravel or Rock**Site Accessible:** Yes**Site Found:** Yes**Soil Discoloration:** No**Debris Visible:** No**Soil Color:** Dark Gray**Soil Texture:** Gravel (>50%, <1 inch)**References:** 1. 11/9/98, Field Logbook for Les Walker, EL-1488.**Images:****Date Taken:** 12/1/98**Pathname:** \\bhi002\esd-img\300\3802\3802_01.JPG**Description:** This photo shows the 3708 Building.**Date Taken:** 12/1/98**Pathname:** \\bhi002\esd-img\300\3802\3802_02.JPG**Description:** This photo faces southeast and shows the northwest corner of the 3708 Building. The chemical tank that was removed was under the gravel area in the foreground.**Date Taken:** 12/1/98**Pathname:** \\bhi002\esd-img\300\3802\3802_03.JPG**Description:** This photo faces southeast and shows the northwest corner of the 3708 building. The chemical tank that was removed was under the gravel area in the foreground.

Date Taken:	12/1/98
Pathname:	\\bhi002\esd-img\300\3802\3802_04.JPG
Description:	This photo is a close-up view of the door on the north side of the 3708 building.
Date Taken:	12/1/98
Pathname:	\\bhi002\esd-img\300\3802\3802_05.JPG
Description:	This photo faces south and shows the west side of the 3708 Building. Current excavation work that is in progress is not associated with the 3708 Building.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-47	2/10/1999
Site Alias(es):	300-47, Residual Hazardous Substances Northwest of 3708 Building	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box in the right column indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

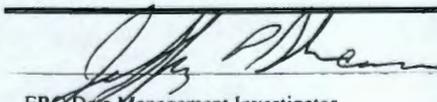
	YES	NO
<p>2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.</p>	<input type="radio"/>	<input checked="" type="radio"/>
<p>2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)?</p> <p style="text-align: right;">y <input type="radio"/> n <input checked="" type="radio"/></p> <p>IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.</p>		
<p>2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p>		
<p>2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p>		
<p>2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>A YES TO ANY OF THE ABOVE QUESTIONS (2.b.-2.d.) INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.</p>		
<p>2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.</p>		
<p>2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)?</p> <p style="text-align: right;">y <input type="radio"/> n <input type="radio"/></p> <p>IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.</p>		

Site Code: 300-47

2/10/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y n <input checked="" type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y n <input checked="" type="radio"/> IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.	<input type="radio"/>	<input checked="" type="radio"/>
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
5.	Is the unit an inactive, contaminated structure?	YES	NO
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO

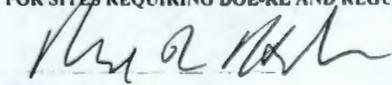
Comments: No information has been located to support the speculation that the site may be contaminated.


Eric Data Management Investigator

Regulatory Compliance Concurrence

2/11/99
Date
2-11-99
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

Lead Regulatory Agency Concurrence

2/12/99
Date
2/12/99
Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-53

Site Reclassification Status: Closed Out

Page 1

Site Names: 300-53, Unplanned Release East Side of 303-G

Site Type: Unplanned Release

Start Date:

Status: Inactive

End Date:

1996

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593923.438

(N) 116103.258

Washington State Plane

Site Description: The site was contaminated soil that was discovered on the surface of some slightly eroded soil located within a posted Underground Radioactive Material (URM) Area. The actual erosion was at the end of a concrete splash guard underneath the water discharge pipe. Disruption of the ground surface by the fire suppression system testing exposed sub-surface contamination that had been previously covered with clean soil.

Location Description: The site is located on the east side of the 303-G Building, under the fire suppression water discharge pipe .

Site Comment: The 303-G facility was being prepared for decontamination and decommissioning when contamination was identified. When uranium billets were removed from the building, the background radiation level became lower. The lower background allowed contamination to be detected during a routine building survey.

The original occurrence notification report dated 10/9/1996 was numbered "RL-PHMC-NFUEL-1996-0002". The copy of the final occurrence report retrieved from the Occurrence Reporting and Processing System (ORPS) on January 5, 1999 was numbered "RL-PHMC-NFUEL-1996-0001". It is not known why the report number was changed.

Cleanup Activities: On October 16, 1996, exposed contaminated soil was cleaned up and covered with clean soil.

Release Description: The contaminated area was identified on October 8, 1996. Removable radiological contamination measuring up to 36,000 disintegrations per minute beta-gamma per 100 cubic centimeter were reported on the surface of some slightly eroded soil. The soil area measured about 0.3 meter by 0.9 meter (1 foot by 3 feet). The radiological contamination was exposed when water was discharged from the building's fire suppression system. The water was directed onto a concrete splash guard, but still had substantial velocity when it left the splash guard and contacted the soil. The contaminated soil was exposed because of erosion.

References:

1. Paula A. Gray, 10/9/96, Occurrence Report: Removable Soil Contamination Outside 303-G, Notification Report, RL-PHMC-NFUEL-1996-0002.
2. CR Webb, 10/23/96, TELECON: Deana Ekstrom to Chris Webb related to the discovery of radiological contamination outside 303-G.
3. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.
4. D. C. Weekes, 12/2/98, Status of 300-53.
5. Paula A. Gray, 4/21/97, Occurrence Report: Removable Soil Contamination Outside 303-G, Final Report, RL-PHMC-NFUEL-1996-0001.

Dimensions:

Length: 0.91 Meters 3.00 Feet

Width: 0.30 Meters 1.00 Feet

Site Shape: Rectangle

Comment: The area of the site is based on the original occurrence report.

References: 1. Paula A. Gray, 10/9/96, Occurrence Report: Removable Soil Contamination Outside 303-G, Notification Report, RL-PHMC-NFUEL-1996-0002.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
 DOE Division: TPD - Transition Program Division
 Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No
 TPA Waste Management Unit Type: Unplanned Release Unit

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No
Air Operating Permit Number(s):	

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category:
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Soil
 Category: Radioactive
 Physical State: Solid

Description: The waste was contaminated soil.

References: 1. Paula A. Gray, 10/9/96, Occurrence Report: Removable Soil Contamination Outside 303-G, Notification Report, RL-PHMC-NFUEL-1996-0002.

Field Work:

Type: Site Walkdown

Begin Date: 12/01/1998

Field Crew: D. C. Weekes

End Date: 12/01/1998
Purpose: Site Verification
Comment: The site where the release occurred now appears to have been stabilized with a layer of asphalt.
Site Cover: Asphalt
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** Yes
Comment: The debris found at the site was blown in (tumbleweeds, small litter).
References: 1. 11/9/98, Field Logbook for D. C. Weekes, EL-1487.

Images:

Date Taken: 12/1/98
Pathname: \\bhi002\esd-img\300\3906\3906_01.JPG
Description: This photo was taken looking southwest towards the site on the east side of the 303-G Building. The site is the area approximately under the concrete splash guard.

Date Taken: 12/1/98
Pathname: \\bhi002\esd-img\300\3906\3906_02.JPG
Description: This photo was taken looking southwest at the 303-G Building. The site is located next to the east side of the building.

Date Taken: 12/1/98
Pathname: \\bhi002\esd-img\300\3906\3906_03.JPG
Description: This photo was taken looking north at the 303-G Building. The waste site is located on the north side of the beige extension on the east side of the building.

Waste Site Reclassification Form

Date Submitted: 2/1/1999 Originator: J. A. Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 300-53 Type of Reclassification Action: Rejected <input type="radio"/> Closed-Out <input checked="" type="radio"/> No Action <input type="radio"/>	Control Number: 99-014
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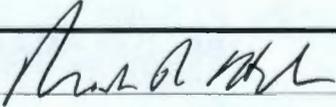
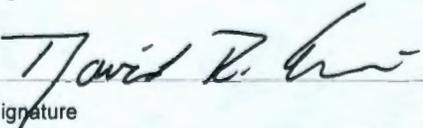
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site was a contaminated area detected outside the 303-G Building. The site is believed to be under a concrete splash guard presently set on asphalt. The site is unmarked and no signs are present. The contaminated area was identified on October 8, 1996. Removable radiological contamination measuring up to 36,000 disintegrations per minute beta-gamma per 100 cubic centimeter were reported on the surface of some slightly eroded soil. The soil area measured about 0.3 meter by 0.9 meter (1 foot by 3 feet). The radiological contamination was exposed when water was discharged from the building's fire suppression system. The water was directed onto a concrete splash guard, but still had substantial velocity when it left the splash guard and contacted the soil. The contaminated soil was exposed because of erosion.

Basis for reclassification:

On October 16, 1996, exposed contaminated soil was cleaned up and covered with clean soil.

<i>Mark R. Hahn</i> _____ DOE Project Manager	 _____ Signature	<i>2/12/99</i> _____ Date
Ecology Project Manager	Signature	Date
<i>David R. Egan</i> _____ EPA Project Manager	 _____ Signature	<i>2/12/99</i> _____ Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-55

Site Reclassification Status: Rejected

Page 1

Site Names: 300-55, 309 Rupture Loop Holding Tank, Rupture Loop Hold-up Tank, RLT-2, 307-D

Site Type: Storage Tank

Start Date: 1960

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594207.688

(N) 115731.102

Washington State Plane

Site Description: The tank was an underground storage tank, 12.2 meters (40 feet) in diameter and 3.05 meters (10 feet) tall with a sloping top.

Location Description: The Rupture Loop Holding Tank was located approximately 61 meters (200 feet) northeast of the 309 Facility and southwest of the 324 building.

Process Description: Liquid waste routed to this tank was sampled. If it was contaminated it was sent to the 340 Complex through a 7.6 centimeter (3 inch) underground pipeline. If the waste was not contaminated, it was diverted to the Columbia River via a 1 meter (3 foot) diameter outfall line.

Associated Structures: The site was related to the 309 Building, Rupture Loop Annex (Room 20), valve pit and piping. There were two piping runs that were connected to the tank. For contaminated material, a 7.6 centimeter (3 inch) pipe ran to the 340 Complex, and for uncontaminated material, a pipe ran to the Columbia River (See WIDS Site 300-257).

Cleanup Activities: Although an exact date cannot be determined, the tank was removed sometime in the 1970's and buried in a 200 Area burial ground. All RLWS connections were cut and plugged. The abandoned river outfall line was cut in the vicinity of the 3906 pump station.

- References:**
1. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.
 2. PRTR Master Plan, Underground Piping, H-3-15048, Rev 5.
 3. C.R. Webb, 10/31/96, Telecon: Between Bruce Cornwell and Chris Webb related to the status of the 309 Rupture Loop Storage Tank.
 4. 10/27/60, Fuel Element Rupture Facility Hold-Up Tank General Arrangement, H-3-14176.
 5. 12/1/60, Water Treatment Plant and Hold-up Tank RLT-2, H-3-14187.
 6. 12/60, Hold-Up Tank RLT-2 Plot Plan & Piping, H-3-14188.
 7. 12/20/60, Structural Hold-Up Tank RLT-2, H-3-14189.
 8. Hugh Briggs, 8/25/86, Letter Report: A Radiological History of the HEDL Laboratories and General 300 Area Environs.

Dimensions:

Depth / Height:	3.05 Meters	10.00 Feet
Diameter:	12.19 Meters	40.00 Feet
Capacity:	340,687.08 Liters	90,000.00 Gallons

References: 1. M.S. Gerber, 12/92, Past Practices Technical Characterization Study - 300 Area - Hanford Site, WHC-MR-0388.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-60	Confirmed By Program:	Yes
DOE Division:	TPD - Transition Program Division		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: Decontamination & Decommissioning (D&D)

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Equipment

Category: Mixed

Physical State: Liquid

Description: The waste was a tank.

References: 1. C.R. Webb, 10/31/96, Telecon: Between Bruce Cornwell and Chris Webb related to the status of the 309 Rupture Loop Storage Tank.

Images:

Date Taken: 12/2/98

Pathname: \\bhi002\esd-img\300\3920\3920_01.JPG

Description: This photo shows the 309 Rupture Loop Holding Tank site. The Tank has been removed and the site is now a parking lot.

Date Taken: 12/2/98

Pathname: \\bhi002\esd-img\300\3920\3920_02.JPG

Description: This photo shows the former 309 Rupture Loop Holding Tank Site. The tank has been removed and the site is now a parking lot.

Waste Site Reclassification Form

Date Submitted: 1/5/1999 Originator: J. A. Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 300-55 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 99-09
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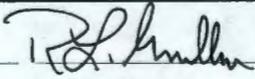
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The tank was an underground storage tank, 12.2 meters (40 feet) in diameter and 3.05 meters (10 feet) tall with a sloping top. Liquid waste routed to this tank was sampled. If it was contaminated it was sent to the 340 Complex through a 3 inch underground pipeline. If the waste was not contaminated, it was diverted to the Columbia River via a 1 meter (3 foot) diameter outfall line.

Basis for reclassification:

Although an exact date cannot be determined, the tank was removed sometime in the 1970's and buried in a 200 Area burial ground. All RLWS connections were cut and plugged. The abandoned river outfall line was cut in the vicinity of the 3906 pump station. The line to the river is still in place.

R.L. Guillen		2/24/99
DOE Project Manager	Signature	Date
Ecology Project Manager		2/24/99
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-56

Site Reclassification Status: Rejected

Page 1

Site Names: 300-56, 306-E 90-Day Waste Accumulation Area

Site Type: Storage Pad (<90 day)

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 0

(N) 0

Washington State Plane

Site Description: The site is a steel storage container designed to contain hazardous materials or waste. The site was previously used as a 90 day waste storage area. The site is currently in use as a hazardous material storage area. Materials currently stored include laboratory chemicals, a 208 liter (55 gallon) drum for waste oil recycling, and 320 kilograms (700 pounds) of peanut butter (sludge simulant).

Location Description: The site is located approximately 20 meters (65 feet) north of the northeast corner of the 306E Building in the 300 area.

Associated Structures: The site stores hazardous materials or waste from the 306E building.

Release Description: The material was/is contained within a storage cabinet. No information has been provided related to any potential spills at the site.

References:

1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.
2. Jeff Shearer with Brad Scott, Dyncorp Environmental Compliance, 12/29/98, Telecon: Materials Stored in 306-E Conex Box.

Dimensions:

Length:	7.01 Meters	23.00 Feet
Width:	2.74 Meters	9.00 Feet
Depth / Height:	2.71 Meters	8.90 Feet

Site Shape: Rectangle

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-70	Confirmed By Program:	Yes
DOE Division:	SID - Site Infrastructure Division		
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	Other Storage Area

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No

TSD Number: Septic Permit: No
 Air Operating Permit: No Inert Landfill: No

Air Operating Permit
 Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category:

TPA Appendix: Other

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Misc. Trash and Debris

Category: Hazardous/Dangerous

Physical State: Solid

Description: The site received waste from the 306E building.

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Field Work:

Type: Site Walkdown

Begin Date: 11/25/1998

Field Crew: Tim Johnson, Brad Scott

End Date: 11/25/1998

Purpose: Site verification

Comment: The site is a steel storage container designed to contain hazardous materials or waste. The site is was previously used as a 90 day waste storage area. The site is currently in use as a hazardous material storage area.

Site Cover: Asphalt

Site Accessible: No

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 11/25/98

Pathname: \\bhi002\esd-img\300\3958\3958_01.JPG

Description: This photo is a view of the former 306-E 90 Day Waste Accumulation Area, which is currently in use as a hazardous material storage area.

Date Taken: 11/25/98

Pathname: \\bhi002\esd-img\300\3958\3958_02.JPG

Description: This photo is a view of the former 306E 90 Day Waste Accumulation Area, which is currently in use as a hazardous material storage area.

Waste Site Reclassification Form

Date Submitted: 12/5/1998 Originator: B. J. Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-56 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-230
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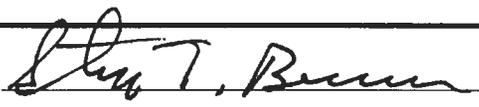
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a steel storage container designed to contain hazardous materials or waste. Currently, the site is in use as a hazardous material storage area. Previously, the site was used as a 90 day waste storage area. WIDS is no longer required to track 90-Day Storage Areas (TPA-MP-14).

Basis for reclassification:

The mission for this site has changed. WIDS is not required to track hazardous or radioactive material storage areas. Maintaining records for these sites is the responsibility of the facility manager. The material was/is contained within a steel storage cabinet. No information has been provided related to any potential spills at the site.

<i>ST Burkum</i>		<i>1/27/99</i>
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
<i>David R. Einan</i>		<i>27 Jun 99</i>
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-57

Site Reclassification Status: Closed Out

Page 1

Site Names: 300-57, 335 Building 90-Day Waste Accumulation Area

Site Type: Storage Pad (<90 day)

Start Date: 1994

Status: Inactive

End Date: 1998

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 0

(N) 0

Washington State Plane

Site Description: The site is a small cinder block room addition on the west side of the 335 Building. The exterior door is locked and labeled "90 Day Storage Accumulation" and "Danger".

Location Description: The site is located in the southeast portion of 300 Area, east of the 324 Building.

Associated Structures: The site was related to the Fast Flux Test Facility (FFTF).

Site Comment: The room had been previously used to store sodium test loops. During the 3+ years that the less than 90 Day Accumulation Area was in use at the 335 Building, there were never any spills. There is no evidence of any spills associated with operations of this facility.

Cleanup Activities: The facility contact stated that the room was emptied on 9-30-98. There are no future plans to store waste in this area.

- References:**
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 2. Mark Eby, 10-23-98, E:MAIL from Mark Eby to Christine Webb regarding the 335 Building Temporary 90 Day Accumulation Area.
 3. Mark E. Eby, 11/6/98, Building 335 <90 Day Accumulation Area.

Regulatory Information:

Programmatic Responsibility

DOE Program: NE-80 Confirmed By Program: Yes
DOE Division: SPO - Standby Project Office
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 90-Day Storage Pad/Satellite Accumulation Area

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Equipment

Category: Hazardous/Dangerous

Physical State: Solid

Description: The 90 Day Waste Storage Accumulation Area was used to store sodium contaminated piping and components after dismantling, prior to shipment for disposal.

References: 1. Mark Eby, 10-23-98, E:MAIL from Mark Eby to Christine Webb regarding the 335 Building Temporary 90 Day Accumulation Area.

Field Work:

Type: Site Walkdown

Begin Date: 10/22/1998

Field Crew: CR Webb

End Date: 10/22/1998

Purpose: Verification

Comment: The waste accumulation area is inside a building.

Site Cover:

Site Accessible: No

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/22/98

Pathname: \\bhi002\esd-img\300\3959\3959_01.JPG

Description: Photo shows the cinder block room addition on the west side of the 335 Building. The door is labeled "90 Day Storage Accumulation" and "Danger".

Date Taken: 10/22/98

Pathname: \\bhi002\esd-img\300\3959\3959_02.JPG

Description: Photo shows the 335 Building with the small, cinder block room attached to the west side.

Date Taken: 11/2/98

Pathname: \\bhi002\esd-img\300\3959\3959_03.JPG

Description: This photo was taken looking north towards the site. It shows the absence of the 90 Day Waste Accumulation Area sign.

Waste Site Reclassification Form

<p>Date Submitted: 10/26/1998</p> <p>Originator: M. E. Eby</p> <p>Phone: (509) 376-8991</p>	<p>Operable Unit(s): 300-FF-2</p> <p>Waste Site ID: 300-57</p> <p>Type of Reclassification Action:</p> <p>Rejected <input type="radio"/></p> <p>Closed-Out <input checked="" type="radio"/></p> <p>No Action <input type="radio"/></p>	<p>Control Number: 98-174</p>
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a small cinder block room addition on the west side of the 335 Building. The exterior door is locked and labeled "90 Day Storage Accumulation" and "Danger".

Basis for reclassification:

The site is an inactive 90-Day Storage Accumulation Area that was used to store sodium contaminated piping and components after dismantling, prior to shipment for disposal. During the 3+ years that the less than 90 Day Accumulation Area was in use at the 335 Building, there were never any spills. There is no evidence of any spills associated with operations of this facility.

As defined in TPA-MP-14, "Maintenance of the Waste Information Data System (WIDS)", section 1.1 Definitions, Other Storage Areas include only those areas that are used to store materials not permitted under the Resource Conservation and Recovery Act. Under Part II.I.1.a of the "Dangerous Waste Portion of the Resource Conservation and Recovery Act Permit for the Treatment, Storage, and Disposal of Dangerous Waste at the Hanford Facility", active 90-day waste storage areas and dangerous waste satellite accumulation areas and their locations must be maintained as a part of the operating record for the facility. To track these units in WIDS would be redundant to the requirements of the Permit, thus, TPA-MP-14 was specifically written to exclude these units from WIDS.

<p><i>Douglas H. Chapin</i></p> <p>DOE Project Manager</p>	<p><i>Douglas H. Chapin</i></p> <p>Signature</p>	<p>12/3/98</p> <p>Date</p>
<p>Ecology Project Manager</p>	<p>Signature</p>	<p>Date</p>
<p><i>David R. Einar</i></p> <p>EPA Project Manager</p>	<p><i>David R. Einar</i></p> <p>Signature</p>	<p>3 Dec 98</p> <p>Date</p>

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.
 References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
 Begin Date: 10/05/1998 Field Crew: K.A. Prosser
 End Date: 10/05/1998
 Purpose: to verify site location and conditions
 Site Cover: Gravel or Rock
 Site Accessible: Yes Site Found: Yes
 Soil Discoloration: No Debris Visible: No
 Soil Texture:

Soil Texture: Sand/Gravel (50% Sand, 50% Gravel)

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 10/5/98

Pathname: \\bhi002\esd-img\300\3976\3976_01.JPG

Description: This digital photo is a close-up of stream #417.

Date Taken: 10/5/98

Pathname: \\bhi002\esd-img\300\3976\3976_02.JPG

Description: This photo was taken looking east. The 305 building is in the background and on the left. The 305-BA building is on the right. The site can be picked out from the surrounding shadow by the white "Danger, Confined Space" sign.

Waste Site Reclassification Form

<p>Date Submitted: 10/12/1998</p> <p>Originator: Brian Dixon, G3-26</p> <p>Phone: (509) 376-7053</p>	<p>Operable Unit(s): 300-FF-2</p> <p>Waste Site ID: 300-59</p> <p>Type of Reclassification Action:</p> <p>Rejected <input checked="" type="radio"/></p> <p>Closed-Out <input type="radio"/></p> <p>No Action <input type="radio"/></p>	<p>Control Number: 98-098</p>
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an injection well covered by a 1.29 meter (4.23 foot) metal lid. The lid is labeled "Confined Space." The lid is flush with the ground surface and is surrounded by soil and rocks. According to the "Inventory of Miscellaneous Streams," Rev. 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #417.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Rev. 3, lists the site as inactive, source abandoned. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Steven T. Beerman

12/15/98

DOE Project Manager

Signature

Date

Ecology Project Manager

Signature

Date

David R. Einar

David R. Einar

12/15/98

EPA Project Manager

Signature

Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-60

Site Reclassification Status: Rejected

Page 1

Site Names: 300-60, 303A Building Steam Condensate, Miscellaneous Stream #339, F.D. #26

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593802.688

(N) 116052.797

Washington State Plane

Site Description: The site is described as an injection well that receives steam condensate. This stream site is on the east side of the 303A Building, near the northeast corner. A condensate return pipe extends from the building at this point. The area next to the building was dug up when an electrical system was installed, which would explain why there is no evidence of the site at this point. The "Inventory of Miscellaneous Streams," Revision 3, describes the site as active. However, the overhead steam line terminates and is capped at the north edge of the 3717B Building. 303A is posted "Radiation Area and Radioactive Material Area" and "Caution, Fissile Materials." The roof of 303A is posted "Contamination Area." 304 is posted "Fixed Contamination Area."

Location Description: The site is located east of the 303A Building and near the northwest corner.

Process Description: Steam is produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water is introduced into boilers to produce steam. This steam is superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this is a seasonal discharge. Non-regulated chemicals are added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is associated with the main 300 Area steam line.

Site Comment: Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received steam condensate only. The "Inventory of Miscellaneous Streams," Revision 3, describes the site as active. However, the overhead steam line terminates and is capped at the north edge of the 3717B Building.

References:

1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Comment: The dimensions were removed from this section, since the site is no longer visible.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
DOE Division: TPD - Transition Program Division
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit: No 216/218 Permit: No

RCRA Part B Permit: No NPDES: No

Closure Plan: No State Waste Discharge Permit: No

TSD Number: Septic Permit: No

Air Operating Permit: No Inert Landfill: No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

New Site Code:

Waste Information:

Type: Steam Condensate

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: When the site was active, the flow was less than 0.038 liters per minute (0.01 gallons per minute).

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 11/04/1998 Field Crew: K.A. Prosser, J. Remaize

End Date: 12/10/1998

Purpose: to verify site location and conditions

Site Cover: Gravel or Rock

Site Accessible: Yes Site Found: Yes

Soil Discoloration: No Debris Visible: No

Soil Texture:

Soil Texture: Gravel (>50%, <1 inch)

Comment: There is no soil discoloration, but the side of the building below the pipe appears to have been discolored by rust.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 12/10/98

Pathname: \\bhi002\esd-img\300\3978\3978_04.JPG

Description: This photo was taken looking south towards the northeast corner of 303A. The stream is the discharge from the pipe that extends from the east side of the building just south of the northeast corner, approximately 0.46 meters (1.5 feet) above the ground surface.

Date Taken: 12/10/98

Pathname: \\bhi002\esd-img\300\3978\3978_05.JPG

Description: This is a close-up of the pipe south of northeast corner of 303A.

Date Taken: 12/10/98

Pathname: \\bhi002\esd-img\300\3978\3978_06.JPG

Description: This is another view of the pipe south of northeast corner of 303A.

Waste Site Reclassification Form

Date Submitted: 11/18/1998 Originator: John Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 300-60 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-186
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an injection well that receives steam condensate. The "Inventory of Miscellaneous Streams," Revision 3, describes the site as active. However, the overhead steam line terminates and is capped at the north edge of the 3717B Building. 303A is posted "Radiation Area and Radioactive Material Area" and "Caution, Fissile Materials." The roof of the 303A roof is posted "Contamination Area." 304 is posted "Fixed Contamination Area." The site is just south of the "Radiologically Controlled Area" signs around the 303A, 304 and 303B Buildings.

This stream site is on the east side of the 303A Building, near the northeast corner. A condensate return pipe extends from the building at this point. The area next to the building was dug up when an electrical system was installed, which would explain why there is no evidence of the site at this point. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #339.

Basis for reclassification:

Steam is produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water is introduced into boilers to produce steam. This steam is superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this is a seasonal discharge. Non-regulated chemicals are added to dechlorinate the water, prevent scale, and control corrosion. The site is an active structure that receives less than 0.038 liters per minute (0.01 gallons per minute) steam condensate only. Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received steam condensate only. The "Inventory of Miscellaneous Streams," Revision 3, describes the site as active. However, the overhead steam line terminates and is capped at the north edge of the 3717B Building.

There were no known hazardous or radioactive releases from this steam condensate discharge.

<u>Mark R. Hahn</u> DOE Project Manager	<u>[Signature]</u> Signature	<u>2/12/99</u> Date
<u>David R. Egan</u> EPA Project Manager	<u>[Signature]</u> Signature	<u>2/12/99</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-61 Site Reclassification Status: Rejected Page 1

Site Names: 300-61, 303B Building Steam Condensate, Miscellaneous Stream #444, Injection Well #12

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593823.438

(N) 116078.625

Washington State Plane

Site Description: The site has been described as an injection well. No engineered structure is evident at the location described for this site. Two steam lines labeled HPD-TRP-011 and HPD-TRP-12 were found; both are described in the "Inventory of Miscellaneous Streams," Revision 3. These two lines descend from the overhead line and disappear into the ground. A third line from the overhead steam line is found just east of HPD-TRP-011 and -012. This third line is unlabeled and terminates open-ended approximately 10 centimeters (3.9 inches) above the base of the wooden pole that supports it. The ground surface in this area is covered by gravel. According to the "Inventory of Miscellaneous Stream," Revision 3, this site is inactive, source abandoned.

Location Description: The site is north/northeast of the northeast corner of 303B and northwest of the northwest corner of 3732.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is related to the 300 Area main steam line. The "Inventory of Miscellaneous Streams," Revision 3, relates this discharge to the 303B Building, but that relation appear to be based only on proximity since 303B never received steam.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, states this site is inactive, source abandoned. This stream was "Eliminated" in June 1998.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
 DOE Division: TPD - Transition Program Division
 Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
 TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No

Air Operating Permit: No

Inert Landfill:

No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

New Site Code:

Waste Information:

Type: Steam Condensate

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 11/04/1998

Field Crew: K.A. Prosser

End Date: 11/04/1998

Purpose: to verify site location and conditions

Site Cover: Gravel or Rock

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

Soil Texture: Gravel (>50%, <1 inch)

Comment: No engineered structure is evident at the location described for this site. Two steam lines labeled HPD-TRP-011 and HPD-TRP-12 descend from the overhead line and disappear into the ground.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 11/5/98

Pathname:	\\bhi002\esd-img\300\3979\3979_01.JPG
Description:	This photo shows the steam pipes labeled HPD-TRP-011 and -012.
Date Taken:	11/5/98
Pathname:	\\bhi002\esd-img\300\3979\3979_02.JPG
Description:	This photo was taken looking northeast towards the site with the 313 Building in the background. The unlabeled steam line is on the right side of the photo.

Waste Site Reclassification Form

Date Submitted: 11/6/1998 Originator: John Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 300-61 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-181
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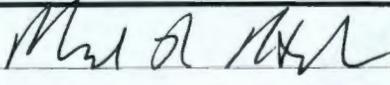
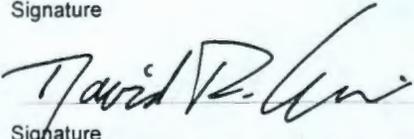
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site has been described as an injection well. No engineered structure is evident at the location described for this site. Two steam lines labeled HPD-TRP-011 and HPD-TRP-12 were found; both are described in the "Inventory of Miscellaneous Streams," Revision 3. These two lines descend from the overhead line and disappear into the ground. A third line from the overhead steam line is found just east of HPD-TRP-011 and -012. This third line is unlabeled and terminates open-ended approximately 10 centimeters (3.9 inches) above the base of the wooden pole that supports it. The ground surface in this area is covered by gravel. According to the "Inventory of Miscellaneous Stream," Revision 3, this site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Stream," Revision 3, as stream #444.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, states this site is inactive, source abandoned. This stream was "Eliminated" in June 1998. When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion. No contamination is known to be present at the site.

Mark R. Hahn		1/19/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
David R. Eisen		19 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-64

Site Reclassification Status: Rejected

Page 1

Site Names: 300-64, 303F Building Steam Condensate, Miscellaneous Stream #352

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593883.375

(N) 116106.172

Washington State Plane

Site

Description:

The site is an HVAC steam condensate return to the WATS Pipe Trench (WIDS Site 300-224). The discharge goes into a rectangular concrete base covered by a 0.90 meter (2.95 foot) by 2.45 meter (8.04 foot) metal lid. Some of the concrete base appears to be rusty. The site is also surrounded by concrete. The lid is posted "Confined Space." There are three openings cut in the metal lid to allow pipes to pass through. An approximately 2.5 centimeter (1 inch) diameter metal pipe enters the middle opening. This pipe is labeled "P198" and appears to be electrical in nature. A second approximately 2.5 centimeter (1 inch) diameter metal pipe enters the south opening. There is a label on the wall next to this pipe that reads "NP-303F-01." This second pipe extends approximately 2 meters (6.6 feet) above the lid, makes a 90 degree turn away from 303F and terminates open-ended over one of the steam lines that enters the west wall of 303F. An approximately 10 centimeter (4 inch) diameter steam pipe and an approximately 2.5 centimeter (1 inch) diameter metal pipe enter the north opening. These two pipes extend down from the building's roof. According to John Remaize, the lines from the roof of 303F are HVAC and cooling lines. The lid does not fit tightly; there are openings between the lid and the concrete base. These openings could allow stormwater runoff from the 303F Building to enter. These openings also allow a limited view of the interior of the structure. Although it is difficult to see inside, the floor of the interior appeared to be dry during the October 29, 1998, walkdown. However, there also appeared to be more pipes inside than could be accounted for by those entering through the lid. Drawing H-3-304714, Sheet 2, shows the WATS and U-Bearing Pipe Trench (WIDS Site 300-224) enters/leaves WIDS Site 300-64 and connects to the 313 Building.

The site is on the east end of a row of removable panels labeled "Radioactive Material, Internally Contaminated." 303F is posted "Fixed Contamination Area" and the 303F roof is posted "Contamination Area." According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Location

Description:

The site is located on the west side of the 303F Building, just south of the door.

Process

Description:

Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures:

The site is associated with the 303F Building.

Site

Comment:

The "Inventory of Miscellaneous Streams," Revision 3, lists the site as inactive, "Source Permanently Abandoned." This stream has been "Eliminated."

References:

1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Site Hazards:

Hazard Type: Physical

Status: Verified

Date: 10/29/98

Description: Confined Space

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Dimensions:

Length: 2.45 Meters 8.04 Feet
Width: 0.90 Meters 2.95 Feet

Site Shape: Rectangle

Comment: These measurements are for the metal lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 **Confirmed By Program:** Yes
DOE Division: TPD - Transition Program Division
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:
New Site Code:

Waste Information:

Type: Steam Condensate
Category: Nondangerous/nonradioactive
Physical State: Liquid

Description: The site has been listed as inactive in all earlier versions of the Miscellaneous Streams. Comments in earlier versions indicate the site has not been active for some time. No flow rate or date for eliminating the source has been provided in any version of the Miscellaneous Streams document.

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 10/29/1998 **Field Crew:** K.A. Prosser

End Date: 10/29/1998

Purpose: to verify site location and condition

Site Cover: Concrete

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

Comment: Some of the concrete base appears to be rust stained.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 10/29/98

Pathname: \\bhi002\esd-img\300\3981\3981_01.JPG

Description: This photo was taken looking east towards the west side of 303F.

Date Taken: 10/29/98

Pathname: \\bhi002\esd-img\300\3981\3981_02.JPG

Description: This is a close-up of stream #352 taken from the south.

Date Taken: 10/29/98

Pathname: \\bhi002\esd-img\300\3981\3981_03.JPG

Description: This is a close-up of stream #352 taken from the west.

Waste Site Reclassification Form

Date Submitted: 11/23/1998 Originator: John Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 300-64 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-208
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

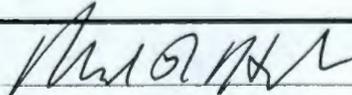
Description of current waste site condition:

The site is an HVAC steam condensate return to the WATS Pipe Trench (WIDS Site 300-224). It has a rectangular concrete base covered by a 0.90 meter (2.95 foot) by 2.45 meter (8.04 foot) metal lid and is also surrounded by concrete. The lid is posted "Confined Space" and has three openings to allow pipes to pass through. A 2.5 centimeter (1 inch) diameter metal pipe enters the middle opening. This pipe is labeled "P198" and appears to be electrical in nature. A second 2.5 centimeter (1 inch) diameter metal pipe labeled "NP-303F-01" enters the south opening. This second pipe extends 2 meters (6.6 feet) above the lid, makes a 90 degree turn away from 303F and terminates open-ended over one of the steam lines that enters the west wall of 303F. A 10 centimeter (4 inch) diameter steam pipe and a 2.5 centimeter (1 inch) diameter metal pipe enter the north opening. These two pipes extend down from the building's roof. According to John Remaize, the lines from the roof of 303F are HVAC and cooling lines. The lid does not fit tightly and openings could allow stormwater runoff from the 303F Building to enter. These opening also allow a limited view of the interior. The floor of the appeared to be dry during the October 29, 1998, walkdown. However, there also appeared to be more pipes inside than could be accounted for by those entering through the lid. Drawing H-3-304714, Sheet 2, shows the WATS and U-Bearing Pipe Trench (WIDS Site 300-224) enters/leaves WIDS Site 300-64 and connects to the 313 Building. The site is on the east end of a row of removable panels labeled "Radioactive Material, Internally Contaminated." 303F is posted "Fixed Contamination Area" and the 303F roof is posted "Contamination Area." The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #352.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, lists the site as inactive, "Source Permanently Abandoned." This stream has been "Eliminated." The site has been listed as inactive in all earlier versions of the Miscellaneous Streams. Comments in earlier versions indicate the site has not been active for some time. No flow rate or date for eliminating the source has been provided in any version of the Miscellaneous Streams document. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

There were no known hazardous or radioactive releases from this steam condensate discharge. The steam condensate discharged into a concrete structure that routed effluent into the process trenches.

<i>Mark R. Hahn</i> _____ DOE Project Manager	 _____ Signature	1/19/99 _____ Date
Ecology Project Manager	_____ Signature	_____ Date
<i>David R. Einar</i> _____ EPA Project Manager	 _____ Signature	19 Jan 99 _____ Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-67

Site Reclassification Status: Rejected

Page 1

Site Names: 300-67, Steam Condensate from 300 Area Main Steam Header, Miscellaneous Stream #414

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

1998

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593814.875

(N) 116062.578

Washington State Plane

Site Description: The site is an injection well that received steam condensate. All that is visible of the site are the two metal lids and the metal lid frame. The lid frame measures 1.90 meters (6.23 feet) by 0.82 meters (2.69 feet) and is flush with the ground surface. The site is just east of an access manhole for the process sewers, which is labeled "Radioactive Material, Internally Contaminated." The "Inventory of Miscellaneous Streams," Revision 2, states when this injection well was in service, it overflowed to the process sewer. The 303B Building is posted "Fissile Materials," "Radiation Area and Radioactive Material Area," and "Fixed Contamination Area." The roof of the 303B Building is posted "Contamination Area." The 304 Building is posted "Fixed Contamination Area." This site is slightly down slope of the road to the north. There are small openings in the lid where stormwater runoff from the road may be able to enter the injection well. It does not appear as though runoff from the two buildings would be inclined to flow towards the site; the area between the buildings and the site is fairly level. The site is surrounded by gravel. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Location Description: The site is located northwest of 303B and northeast of the 304 Building, just south of the overhead steam line.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is associated with the 300 Area main steam header.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, states that the site is currently inactive, source abandoned. This stream was "Eliminated" in 6/98.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Length: 1.90 Meters 6.23 Feet

Width: 0.82 Meters 2.69 Feet

Site Shape: Rectangle

Comment: These measurements are for the lid frame.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 Confirmed By Program: Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 10/20/1998 **Field Crew:** K.A. Prosser
End Date: 10/20/1998
Purpose: to verify site location and conditions
Site Cover: Gravel or Rock

Site Cover:

Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No
Soil Texture:	Gravel (>50%, <1 inch)		
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.		

Images:

Date Taken:	10/20/98
Pathname:	\\bhi002\esd-img\300\3984\3984_01.JPG
Description:	This photo shows the site in the foreground and the access to the process sewer in the background.
Date Taken:	10/20/98
Pathname:	\\bhi002\esd-img\300\3984\3984_02.JPG
Description:	This digital photo was taken looking south/southwest towards the 304 Building. The site is on the left and the access to the process sewer is on the right.

Waste Site Reclassification Form

Date Submitted: 10/21/1998 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-67 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-153
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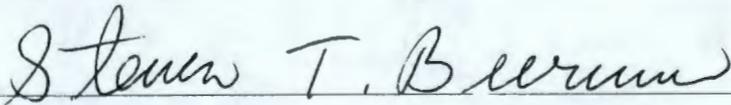
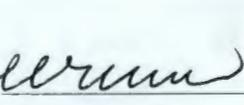
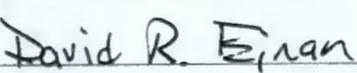
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an injection well that received steam condensate. All that is visible of the site are the two metal lids and the metal lid frame. The lid frame measures 1.90 meters (6.23 feet) by 0.82 meters (2.69 feet) and is flush with the ground surface. The site is just east of an access manhole for the process sewer, which is labeled "Radioactive Material, Internally Contaminated." The "Inventory of Miscellaneous Streams," Revision 2, states when this injection well was in service, it overflowed to the process sewer. The 303B Building is posted "Fissile Materials," "Radiation Area and Radioactive Material Area," and "Fixed Contamination Area." The roof of the 303B Building is posted "Contamination Area." The 304 Building is posted "Fixed Contamination Area." This site is slightly down slope of the road to the north. There are small openings in the lid where stormwater runoff from the road may be able to enter the injection well. It does not appear as though runoff from the two buildings would be inclined to flow towards the site; the area between the buildings and the site is fairly level. The site is surrounded by gravel. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #414.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, states that the site is currently inactive, source abandoned. This stream was "Eliminated" in 6/98. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

		12/15/98
DOE Project Manager	Signature	Date
		12/15/98
EPA Project Manager	Signature	Date

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit: No

RCRA Part B Permit: No

NPDES: No

Closure Plan: No

State Waste Discharge Permit: No

TSD Number:

Septic Permit: No

Air Operating Permit: No

Inert Landfill: No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 10/05/1998

Field Crew: K.A. Prosser

End Date: 10/05/1998

Purpose: verify site location and conditions

Site Cover: Gravel or Rock

Site Accessible: Yes

Site Found: Yes

Waste Site Reclassification Form

Date Submitted: 10/12/1998 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-68 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-099
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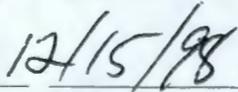
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an injection well. The base of the injection well is constructed of corrugated metal and is covered by a 1.91 meter (6.27 foot) metal lid. The lid is approximately 30 centimeters (11.8 inches) above grade and is labeled "U-23" and "Confined Space." Two pipes enter the lid from the overhead steam lines. One of these pipes is approximately 20 centimeters (7.9 inches) in diameter and the other is approximately 6 centimeters (2.4 inches) in diameter. The site is surrounded by soil and gravel. The "Inventory of Miscellaneous Streams," Revision 3, says the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #451.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, lists the source as abandoned. This site used to discharge to HDP-TRP-017, inside the pit. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

		
DOE Project Manager	Signature	Date
		
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-69	Site Reclassification Status: Rejected	Page 1
<hr/>		
Site Names:	300-69, 305 Building Steam Condensate, Miscellaneous Stream #415	
Site Type:	Injection/Reverse Well	Start Date:
Status:	Inactive	End Date: 1998
Operable Unit:	300-FF-2	Coordinates:
Hanford Area:	300	(E) 593771.938
		(N) 116214.359
		Washington State Plane

Site Description: The site is an injection well covered by a 0.74 meter (2.43 foot) metal lid. The lid is flush with the ground surface and is surrounded by metal grating resting on top of the soil and gravel. A small diameter, less than 2.5 centimeters (1 inch), metal pipe elbow extends approximately 20 centimeters (8 inches) from the building approximately 5 centimeters (2 inches) above the ground surface. The other end of the pipe disappears into the ground. This pipe is in line with the injection well's lid. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Location Description: The site is located just north of the northeast corner of the easternmost extent of the 305 Building. It is also just south of the fence surrounding the electrical substation.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: This site is associated with the 305 Building.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, lists the site as inactive, source abandoned. This stream was "Eliminated" in 6/98.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter:	0.74 Meters	2.43 Feet
Site Shape:	Circle	
Comment:	This measurement is for the lid.	
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.	

Regulatory Information:

	Programmatic Responsibility	
DOE Program:	EM-70	Confirmed By Program: Yes
DOE Division:	SID - Site Infrastructure Division	
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.	

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Steam Condensate
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.
 References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
 Begin Date: 10/05/1998 Field Crew: K.A. Prosser
 End Date: 10/05/1998
 Purpose: to verify site location and conditions
 Site Cover: Gravel or Rock
 Site Accessible: Yes Site Found: Yes
 Soil Discoloration: No Debris Visible: No
 Soil Texture: Sand/Gravel (50% Sand, 50% Gravel)
 References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 10/5/98

Pathname: \\bhi002\esd-img\300\3986\3986_01.JPG

Description: This digital photo shows a close-up of stream #415.

Date Taken: 10/5/98

Pathname: \\bhi002\esd-img\300\3986\3986_02.JPG

Description: This photo was taken looking north with the 305 building to the left and the electrical substation in the background. The site is to the left, surrounded by metal grating.

Waste Site Reclassification Form

Date Submitted: 10/15/1998 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-69 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-112
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an injection well covered by a .74 meter (2.43 foot) metal lid. The lid is flush with the ground surface and is surrounded by metal grating resting on top of the soil and gravel. A small diameter (< 2.5 centimeters, < 1 inch) metal pipe elbow extends approximately 20 centimeters (8 inches) from the building approximately 5 centimeters (2 inches) above the ground surface. The other end of the pipe disappears into the ground. This pipe is in line with the injection well's lid. According to the "Inventory of Miscellaneous Streams," Rev. 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream # 415.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Rev. 3, lists the site as inactive, source abandoned. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). The site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

<i>Steven T. Beeman</i>	Signature	12/15/98
DOE Project Manager		Date
_____	Signature	_____
Ecology Project Manager		Date
<i>David R. Eiran</i>	<i>David R. Eiran</i>	12/15/98
EPA Project Manager		Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-70	Site Reclassification Status: Rejected	Page 1
<hr/>		
Site Names:	300-70, 305 Building Steam Condensate, Miscellaneous Stream #416	
Site Type:	Injection/Reverse Well	Start Date:
Status:	Inactive	End Date: 1998
Operable Unit:	300-FF-2	Coordinates:
Hanford Area:	300	(E) 593763.25
		(N) 116185.594
		Washington State Plane

Site Description: The site is an injection well covered by a 0.51 meter (1.67 foot) metal lid. The lid is flush with the ground surface and is surrounded by asphalt. A small diameter, less than 2.5 centimeters (1 inch), metal pipe elbow extends approximately 0.15 meters (0.5 feet) from the building approximately 0.15 meters (0.5 feet) above the ground surface. The other end of the pipe disappears into the ground. This pipe is in line with the injection well's lid. The area around the lid and between the lid and the building appears to have been excavated. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Location Description: The site is located on the south side of the 305 Building, approximately 6.7 meters (22 feet) west of the roll up door.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: This site is associated with the 305 Building.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, lists the site as inactive, source abandoned. This stream was "Eliminated" in 6/98.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter:	0.51 Meters	1.67 Feet
Site Shape:	Circle	
Comment:	This measurement is for the metal lid.	
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.	

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-70	Confirmed By Program:	Yes
DOE Division:	SID - Site Infrastructure Division		
Responsible Contractor/Subcontractor:	DYN - Dyncorp Tri-Cities Services, Inc.		

Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Steam Condensate
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 10/05/1998 **Field Crew:** K.A. Prosser
End Date: 10/05/1998
Purpose: to verify site location and conditions
Site Cover: Asphalt
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No
References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 10/5/98

Pathname: \\bhi002\esd-img\300\3988\3988_01.JPG

Description: This is a close-up of stream #416.

Date Taken: 10/5/98

Pathname: \\bhi002\esd-img\300\3988\3988_02.JPG

Description: This photo shows stream #416 in the foreground and the 305 building to the left.

Waste Site Reclassification Form

Date Submitted: 10/15/1998 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-70 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-113
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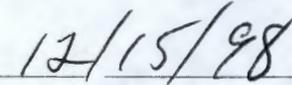
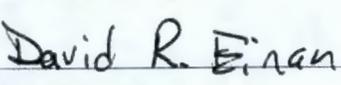
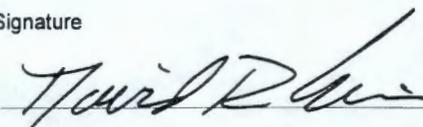
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an injection well covered by a .51 meter (1.67 foot) metal lid. The lid is flush with the ground surface and is surrounded by asphalt. A small diameter (< 2.5 centimeters, < 1 inch) metal pipe elbow extends approximately 0.15 meters (0.5 feet) from the building approximately 0.15 meters (0.5 feet) above the ground surface. The other end of the pipe disappears into the ground. This pipe is in line with the injection well's lid. The area around the lid and between the lid and the building appears to have been excavated. According to the "Inventory of Miscellaneous Streams," Rev. 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #416.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Rev. 3, lists the site as inactive, source abandoned. When the site was active, the flow rate was 0.038 liters per minute (0.01 gallons per minute). The site received only steam condensate. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

		12/15/98
DOE Project Manager	Signature	Date
		12/15/98
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-71

Site Reclassification Status: Rejected

Page 1

Site Names: 300-71, 306E Building - HVAC Condensate, Miscellaneous Stream #454

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

1998

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594057.75

(N) 116154.844

Washington State Plane

Site Description: The site is an injection well that used to receive HVAC condensate. The injection well is constructed of concrete pipe and is covered by a 0.54 meter (1.77 foot) round metal lid with handles. The top of the pipe rises approximately 4 centimeters (1.6 inches) above the ground surface. During the December 17, 1998, walkdown, the interior of the well appeared to be damp. This may have been due to condensation since there was condensation on the bottom of the lid. The well appears to be 20 centimeters (0.66 feet) deep with the bottom covered by cobbles. No pipes were visible entering the well. What appeared to be a black widow was living on the bottom side of the lid. The site is hidden behind an old air conditioning unit that is labeled "6" on its north side and SeasonCon on its south side. The site is surrounded by sand which has been discolored by garnet dust. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Location Description: The site is located west of the northeast corner of the 306E Building, behind the easternmost air conditioner unit.

Process Description: The Heating, Ventilation, and Air Conditioning (HVAC) system generated condensate on the coils from the air. The condensate was collected by the HVAC unit and drained to the french drain.

Associated Structures: The site is associated with the 306E Building HVAC system.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. This stream was "Eliminated" in June 1998.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.54 Meters 1.77 Feet

Site Shape: Circle

Comment: This measurement is for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of HVAC condensate only.
 References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
 Begin Date: 12/17/1998 Field Crew: K.A. Prosser
 End Date: 12/17/1998
 Purpose: to verify site location and conditions
 Site Cover: Bare Soil
 Site Accessible: Yes Site Found: Yes
 Soil Discoloration: Yes Debris Visible: No
 Soil Texture: Sand (>50%)
 Comment: The surface of the soil around the site is covered with gamet dust.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 12/17/98

Pathname: \\bhi002\esd-img\300\3991\3991_03.JPG

Description: This is a close-up of stream #454. The rectangle behind and to the right of the site is a metal lid or panel resting on the ground.

Date Taken: 12/17/98

Pathname: \\bhi002\esd-img\300\3991\3991_04.JPG

Description: This digital photo was taken looking south towards the north side of 306E. The site is just behind the concrete pad.

Date Taken: 12/17/98

Pathname: \\bhi002\esd-img\300\3991\3991_05.JPG

Description: This is the inside of the site.

Waste Site Reclassification Form

Date Submitted: 11/1/1998 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-71 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-177
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

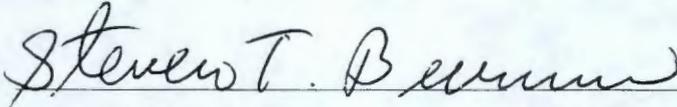
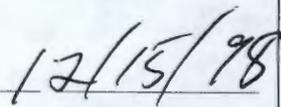
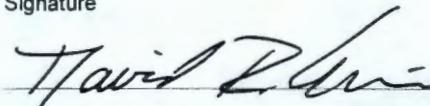
Description of current waste site condition:

The site is an injection well that used to receive HVAC condensate. The injection well is constructed of concrete and is covered by a 2.18 meter (7.15 foot) round metal lid. The top of the well is flush with the ground surface on its north side and approximately 5 centimeters (2 inches) above grade on its south side. A rectangular hatch in the lid allows access to the well. The hatch is labeled "Confined Space." It appears as though there are three ports in the lid where pipes or hoses could enter the well. These three ports are currently closed. The site is surrounded by sand and four metal safety posts. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Basis for reclassification:

The Heating, Ventilation, and Air Conditioning (HVAC) system generated condensate on the coils from the air. The condensate was collected by the HVAC unit and drained to the french drain. When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of HVAC condensate only.

The "Inventory of Miscellaneous Streams," Revision 3, states the site is inactive, source abandoned. This stream was "Eliminated" in 6/98.

		
DOE Project Manager	Signature	Date
		
Ecology Project Manager	Signature	Date
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-72

Site Classification: Rejected

Page 1

Site Names: 300-72, 308 Building Stormwater Runoff, Miscellaneous Stream #404

Site Type: Injection/Reverse Well

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594173.312

(N) 115815.156

Washington State Plane

Site Description: The site is an injection well that receives stormwater runoff from the surrounding area. The site is covered by a 0.66 meter (2.17 foot) metal lid with perforations. The lid is flush with the surrounding concrete. During the November 8, 1998, walkdown, water could be seen through the perforations in the lid. It had rained three days prior to the walkdown. Sand has washed down the truck ramp and has partially covered the lid. The "Inventory of Miscellaneous Streams," Revision 3, states "Disposal site within 300 feet of an active/inactive crib, ditch or trench." The site is within 91 meters (300 feet) of 316-3 Trench.

Location Description: The site is located in the southernmost of two truck ramps at the northeast corner of the 308 Building. It is located in the ramp with a roll-up door labeled "48."

Associated Structures: The site is associated with the 308 Building.

Site Comment: Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999. The "Inventory of Miscellaneous Streams," Revision 3, states "Disposal site within 300 feet of an active/inactive crib, ditch or trench."

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.66 Meters 2.17 Feet

Site Shape: Circle

Comment: This measurement is for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 **Confirmed By Program:** Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No **216/218 Permit:** No

RCRA Part B Permit: No **NPDES:** No

Closure Plan: No **State Waste Discharge Permit:** No

TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			
		Tri-Party Agreement	
Lead Regulatory Agency:	EPA		
Unit Category:	216/218		
TPA Appendix:			
		Remediation and Closure	
Decision Document:			
Decision Document Status:			
Remediation Design Group:			
Closure Document:			
Closure Type:			
Post Closure Requirements:			
		Residual Waste:	
		New Site Code:	

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: According to the "Inventory of Miscellaneous Streams," Revision 3, the flow rate is less than 0.01 gallons per minute.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 11/08/1998 **Field Crew:** K.A. Prosser
End Date: 11/08/1998
Purpose: to verify site location and conditions
Site Cover: Concrete
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No
References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 11/8/98
Pathname: \\bhi002\esd-img\300\3993\3993_01.JPG
Description: This is a close-up of stream #404.

Site Code: 300-72

Site Classification: Rejected

Page 3

Date Taken: 11/8/98

Pathname: \\bhi002\esd-img\300\3993\3993_02.JPG

Description: This photo was taken looking west towards roll-up door #48.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-72

1/18/1999

Site Alias(es): 300-72, 308 Building Stormwater Runoff, Miscellaneous Stream #404

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

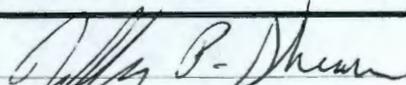
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300-72

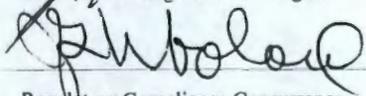
1/18/99

3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
	<input type="radio"/>	<input type="radio"/>
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b. Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4. Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
	<input type="radio"/>	<input type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES	NO
	<input type="radio"/>	<input type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
	<input type="radio"/>	<input type="radio"/>
7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
	<input type="radio"/>	<input type="radio"/>

Comments:

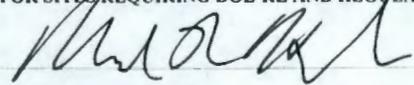

ERC Data Management Investigator

1/19/99
Date

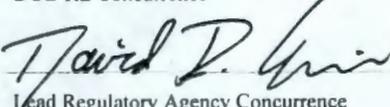

Regulatory Compliance Concurrence

1/19/98
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

1/19/99
Date


Lead Regulatory Agency Concurrence

17 Jan 99
Date

RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:
New Site Code:

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute) of stormwater only.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 11/08/1998 **Field Crew:** K.A. Prosser
End Date: 11/08/1998
Purpose: to verify site location and conditions
Site Cover: Bare Soil
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** Yes
Soil Texture: Sand (>50%)
Comment: At the time of the site walkdown, the site was surrounded by approximately 7 centimeters (2.8 inches) of sand and debris. It could not be ascertained whether the site is actually surrounded by concrete or asphalt.
References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 11/8/98

Pathname: \\bhi002\esd-img\300\3994\3994_01.JPG

Description: This is a close-up of stream #405.

Date Taken: 11/8/98

Pathname: \\bhi002\esd-img\300\3994\3994_02.JPG

Description: This photo was taken looking west towards roll-up door 46. The site is in the notch in the concrete.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-73	1/18/1999
Site Alias(es):	300-73, 308 Building Stormwater Runoff, Miscellaneous Stream #405	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

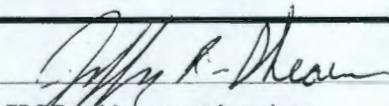
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300-73

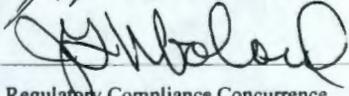
1/18/99

3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.b. Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>	<input type="radio"/>	<input type="radio"/>
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4. Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
	<input type="radio"/>	<input type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES	NO
	<input type="radio"/>	<input type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
	<input type="radio"/>	<input type="radio"/>
7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
	<input type="radio"/>	<input type="radio"/>

Comments:

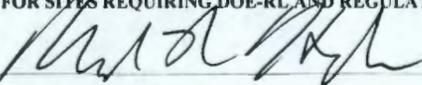

Eric Data Management Investigator

1/19/99
Date

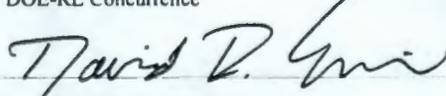

Regulatory Compliance Concurrence

1/19/99
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

1/19/99
Date


Lead Regulatory Agency Concurrence

19 Jan 99
Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-74

Site Classification: Rejected

Page 1

Site Names: 300-74, 308 Building Stormwater Runoff, Miscellaneous Stream #406

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594116.312

(N) 115805.18

Washington State Plane

Site Description: The site is an injection well that received stormwater runoff. The site has a concrete base and is covered by a 0.64 meter (2.10 foot) by 0.64 meter (2.10 foot) metal grate. A sign on the grate reads "Drains to R.P.S." Sand and gravel cover part of the concrete surrounding the grate. The top of the concrete is flush with the ground surface on its south and west sides. The north side is approximately 1 to 5 centimeters (0.4 to 2 inches) above the ground surface. The east side of the concrete rises above the asphalt surface of the truck ramp. At the time of the November 8, 1998, walkdown, the site was filled with water and water had pooled in the adjacent truck ramp. It had rained three days prior to the walkdown. According to the "Inventory of Miscellaneous Streams," Revision 3, the site has been grouted. It is inactive and listed as, "Disposal Site Permanently Abandoned." The document also states "Disposal site within 300 feet of an active/inactive crib, ditch or trench." The site is within 91 meters (300 feet) of 316-3 Trench.

Location Description: The site is next to a truck ramp on the north side of the 308 Building, near the northwest corner of the building. It is located at the bottom of a short staircase from the truck ramp to the loading dock.

Associated Structures: The site is associated with the 308 Building. The 308 Building is inactive.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, lists the site as inactive, "Disposal Site Permanently Abandoned." This stream was "Eliminated" on June 5, 1996; the site was grouted. The "Inventory of Miscellaneous Streams," Revision 3, also states "Disposal site within 300 feet of an active/inactive crib, ditch or trench."

References:

1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Length: 0.64 Meters 2.10 Feet

Width: 0.64 Meters 2.10 Feet

Site Shape: Square

Comment: These measurements are for the grate covering the site.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 **Confirmed By Program:** Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:
 New Site Code:

Waste Information:

Type: Stormwater Runoff
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute) of stormwater only.
 References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
 Begin Date: 11/08/1998 Field Crew: K.A. Prosser
 End Date: 11/08/1998
 Purpose: to verify site location and conditions
 Site Cover: Gravel or Rock
 Site Accessible: Yes Site Found: Yes
 Soil Discoloration: No Debris Visible: No
 Soil Texture: Sand/Gravel (50% Sand, 50% Gravel)
 Comment: The site is surrounded by sand, gravel, concrete and asphalt.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 11/8/98

Pathname: \\bhi002\esd-img\300\3995\3995_01.JPG

Description: This photo was taken looking south towards the 308 Building. The site is at the base of the short set of stairs.

Date Taken: 11/8/98

Pathname: \\bhi002\esd-img\300\3995\3995_02.JPG

Description: This is a close-up of stream #406.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-74

1/18/1999

Site Alias(es): 300-74, 308 Building Stormwater Runoff, Miscellaneous Stream #406

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

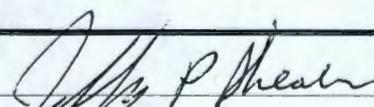
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300-74

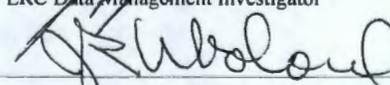
1/18/99

3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
	<input type="radio"/>	<input type="radio"/>
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b. Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4. Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
	<input type="radio"/>	<input type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES	NO
	<input type="radio"/>	<input type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
	<input type="radio"/>	<input type="radio"/>
7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
	<input type="radio"/>	<input type="radio"/>

Comments:

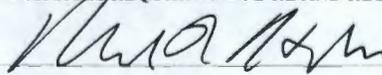

ERC Data Management Investigator

1/19/99
Date


Regulatory Compliance Concurrence

1/19/99
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

1/19/99
Date


Lead Regulatory Agency Concurrence

19 Jan 99
Date

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

New Site Code:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: The waste was stormwater runoff and chiller water. When the site was active, the flow rate was less than 0.038 liters (0.01 gallons per minute).

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 11/02/1998

Field Crew: K.A. Prosser

End Date: 11/02/1998

Purpose: to verify site location and conditions

Site Cover: Asphalt

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 11/2/98

Pathname: \\bhi002\esd-img\300\3996\3996_01.JPG

Description: This is a close-up of stream #445.

Date Taken: 11/2/98

Pathname: \\bhi002\esd-img\300\3996\3996_02.JPG

Description: This photo was taken looking east towards the southernmost door (Door #11) on the west side of the southern wing of the 309 Building.

Waste Site Reclassification Form

Date Submitted: 11/16/1998 Originator: John Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 300-75 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-184
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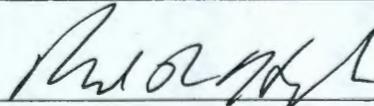
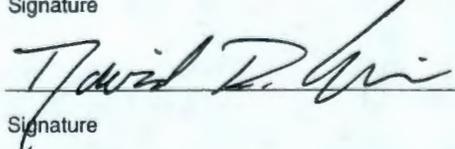
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an injection well that received stormwater runoff and water from a chiller. The well is a concrete pipe covered by a 1.11 meter (3.64 foot) diameter metal lid. The top of the pipe is approximately 2.5 centimeters (1 inch) above grade. The lid is labeled "Confined Space." The site is surrounded by yellow safety posts and asphalt. According to the "Inventory of Miscellaneous Streams," Revision 3, the drain has been permanently plugged and the stream has been routed to a process sewer. The document lists the site as inactive, "Source Permanently Abandoned." The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #445.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, states that the drain has been permanently plugged and the stream has been routed to a process sewer. The document lists the site as inactive, "Source Permanently Abandoned." This stream has been "Eliminated." When the site was active, the flow rate was less than 0.038 liters (0.01 gallons per minute). This site received stormwater runoff and chiller water only. The chiller generated condensate on the coils from the air. The condensate was collected by the chiller unit and was drained to the injection well. There were no known hazardous or radioactive releases from this condensate discharge.

<i>Mark R. Hahn</i> <hr/> DOE Project Manager	 <hr/> Signature	1/19/99 <hr/> Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i> <hr/> EPA Project Manager	 <hr/> Signature	19 Jan 99 <hr/> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-77

Site Classification: Rejected

Page 1

Site Names: 300-77, 309 Building Stormwater Runoff, Miscellaneous Stream #450

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594113.25

(N) 115680.93

Washington State Plane

Site Description: The site is an injection well that received stormwater runoff. It is located at the bottom of a covered stairwell. The drain is covered with a 26 centimeter (0.85 foot) by 21 centimeter (0.69 foot) metal grate and is surrounded by concrete. The stairwell is littered with wind borne debris. The "Inventory of Miscellaneous Streams," Revision 3, states that the drain has been permanently plugged. The document lists the site as inactive, "Source Permanently Abandoned." During the November 4, 1998, walkdown, the site appeared to be plugged; no outlet was visible. The site was dry during this same walkdown.

Location Description: The site is located at the bottom of the stairwell on the north side of the west wing of the 309 Building. The stairwell is below door #8.

Associated Structures: The site is associated with the 309 Building.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, states that the drain has been permanently plugged. The document lists the site as inactive, "Source Permanently Abandoned." This stream was "Eliminated" August 15, 1997.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Length: 0.26 Meters 0.85 Feet

Width: 0.21 Meters 0.69 Feet

Site Shape: Rectangle

Comment: This measurement is for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 **Confirmed By Program:** Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No **216/218 Permit:** No

RCRA Part B Permit: No **NPDES:** No

Closure Plan: No State Waste Discharge Permit: No
TSD Number: Septic Permit: No
Air Operating Permit: No Inert Landfill: No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

New Site Code:

Waste Information:

Type: Stormwater Runoff

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute) of stormwater only.

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 11/04/1998

Field Crew: K.A. Prosser

End Date: 11/04/1998

Purpose: to verify site location and conditions

Site Cover: Concrete

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 11/5/98

Pathname: \\bhi002\esd-img\300\3997\3997_01.JPG

Description:	This is a close-up of stream #450.
Date Taken:	11/5/98
Pathname:	\\bhi002\esd-img\300\3997\3997_02.JPG
Description:	This photo was taken from the southwest corner of the stairwell.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-77

1/18/1999

Site Alias(es): 300-77, 309 Building Stormwater Runoff, Miscellaneous Stream #450

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

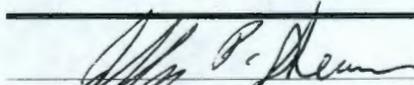
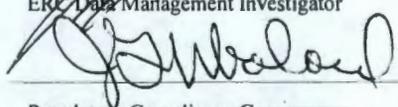
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300-77

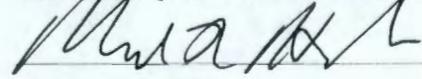
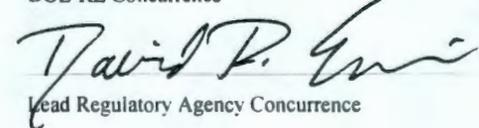
1/18/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input type="radio"/>

Comments:

	1/19/99
ERC Data Management Investigator	Date
	1/19/98
Regulatory Compliance Concurrence	Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14

	1/19/99
DOE-RL Concurrence	Date
	19 Jan 99
Lead Regulatory Agency Concurrence	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-78

Site Reclassification Status: Rejected

Page 1

Site Names: 300-78, 300 Area Main Header Steam Trap (Southwest Corner of 313 Building), Miscellaneous Stream #331

Site Type: Injection/Reverse Well

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593801.875

(N) 116100.398

Washington State Plane

Site Description: The site is a rectangular shaped below grade concrete box that is covered with two steel plates. Seven pipes of various sizes enter the site from the 313 building. Standing water was observed in the bottom of the site. A concrete lined 6.7 meters long by 0.356 meters wide by 0.330 deep (22 feet long by 14 inches wide by 13 inches deep) trench extends from the site to the south. An opening at the south end of the trench was observed and may lead to the process sewer. This trench may be an overflow in the event the concrete box fills with water. Steel grating covers the top of the trench. A concrete pad surrounding the site is painted gray and posted as fixed radiological contamination.

Location Description: The site is located adjacent to the west side of the 313 building near the southwest corner.

Process Description: According to John Remaize (Point of Contact), the site drains HVAC condensate into the process sewer and is not a french drain as previously suspected. The site is covered with rectangular steel hatch covers and is posted as a confined space.

Steam was produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Site Comment: According to the "Inventory of Miscellaneous Streams", Revision 3, the stream was eliminated on 7/2/97.

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Length: 1.25 Meters 4.10 Feet
Width: 1.22 Meters 4.00 Feet

Site Shape: Rectangle

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
DOE Division: TPD - Transition Program Division
Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:**Permitting**

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

New Site Code:

Waste Information:

Type: Steam Condensate
 Category: Nondangerous/nonradioactive
 Physical State: Liquid

Description: When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only ("Inventory of Miscellaneous Streams"). This information differs from that provided by John Remaize (Point of Contact). According to Mr. Remaize the site received HVAC condensate.

References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 2. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Field Work:

Type: Site Walkdown
 Begin Date: 11/03/1998 Field Crew: Tim Johnson, John Remaize
 End Date: 11/03/1998
 Purpose: site verifcaion
 Comment: Site drains HVAC condensate into process sewer and is not a french drain as previously suspected per John Remaize. A concrete pad surrounding site is painted gray and posted as fixed radiological contamination.
 Site Cover: Concrete

Site Code: 300-78
Site Cover:

Site Reclassification Status: Rejected

Page 3

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 11/3/98

Pathname: \\bhi002\esd-img\300\3998\3998_01.JPG

Description: The photo is a view of 300-78.

Waste Site Reclassification Form

Date Submitted: 11/24/1998	Operable Unit(s): 300-FF-2	Control Number: 98-183
Originator: John Remaize, L6-26	Waste Site ID: 300-78	
Phone: (509) 372-1462	Type of Reclassification Action:	
	Rejected <input checked="" type="radio"/>	
	Closed-Out <input type="radio"/>	
	No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

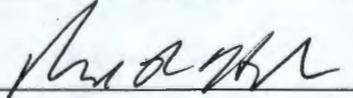
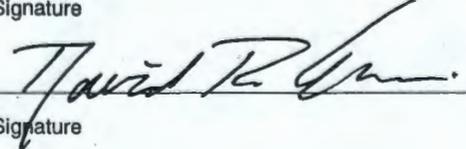
The site is a rectangular shaped below grade concrete box that is covered with two steel plates. Seven pipes of various sizes enter the site from the 313 building. Standing water was observed in the bottom of the site. A concrete lined 6.7 meters long by 0.356 meters wide by 0.330 deep (22 feet long by 14 inches wide by 13 inches deep) trench extends from the site to the south. An opening at the south end of the trench was observed and may lead to the process sewer. This trench may be an overflow in the event the concrete box fills with water. Steel grating covers the top of the trench. A concrete pad surrounding the site is painted gray and posted as fixed radiological contamination. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #445.

Steam was produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Basis for reclassification:

According to the "Inventory of Miscellaneous Streams", Revision 3, the stream was eliminated on 7/2/97. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only ("Inventory of Miscellaneous Streams"). This information differs from that provided by John Remaize (Point of Contact). According to Mr. Remaize the site received HVAC condensate.

According to John Remaize (Point of Contact), the site drains HVAC condensate into the process sewer and is not a french drain as previously suspected. There were no known hazardous or radioactive releases from this steam condensate discharge. The site is covered with rectangular steel hatch covers and is posted as a confined space.

<u>Mark R. Hahn</u> DOE Project Manager	 Signature	<u>2/12/99</u> Date
Ecology Project Manager	Signature	Date
<u>David R. Einar</u> EPA Project Manager	 Signature	<u>12 Feb 99</u> Date

Waste Information Data System General Summary Report

3/2/1999

Site Code: 300-79

Site Classification: Rejected

Page 1

Site Names: 300-79, 313 Building Stormwater Runoff, Miscellaneous Stream #457

Site Type: Injection/Reverse Well

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593880.625

(N) 116292.062

Washington State Plane

Site Description: The site is a 1.14 meter (44 inch) diameter drywell that receives stormwater from six catch basins located to the south and the surrounding 313 Building Parking Lot area. The surrounding area is paved with asphalt and there is no known contamination within the drainage area. The drywell is 1.4 meters (55 inches) deep and is constructed of corrugated steel pipe. Water was observed at the bottom of the site.

Location Description: The site is located north of the 313 building.

Site Comment: The site is labeled as SS-1 in WHC-SD-L125-ES-001, 300 Area Stormwater Engineering Study.

The site is related to stormwater discharge that will be managed under a permit issued by Ecology in 1999.

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Dimensions:

Depth / Height: 1.40 Meters 4.60 Feet

Diameter: 1.14 Meters 3.75 Feet

Site Shape: Circle

References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 **Confirmed By Program:** Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No **216/218 Permit:** No

RCRA Part B Permit: No **NPDES:** No

Closure Plan: No **State Waste Discharge Permit:** No

TSD Number: **Septic Permit:** No

Air Operating Permit: **Inert Landfill:** No

Air Operating Permit Number(s):

Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:
New Site Code:

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: The "Inventory of Miscellaneous Streams", Revision 3, states that the flow rate is less than 1.9 liters per minute (0.5 gallons per minute) of stormwater runoff only.
References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 11/03/1998 **Field Crew:** Tim Johnson, John Remaize
End Date: 11/03/1998
Purpose: Site validation
Comment: The site is a 1.14 meter (44 inch) diameter drywell constructed of corrugated steel pipe that receives stormwater from catch basins and the surrounding paved area. The surrounding area is paved with asphalt and there is no known contamination within the drainage area. The drywell is 1.4 meters (55 inches) deep and water was observed in the bottom of the site. Three other rectangular storm drains were observed to the south of the site which are believed to be connected to the site.
Site Cover: Asphalt
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No
References: 1. Timothy F. Johnson, 9/28/98, WIDS Site Investigation Logbook, EL-1375.

Images:

Date Taken: 11/3/98
Pathname: \\bhi002\esd-img\300\3999\3999_01.JPG

Description: The photo is a view of 300-79 showing the grate that covers the drain for site 300-79. The site sits in a depression and is surrounded by asphalt.

Date Taken: 11/3/98

Pathname: \\bhi002\esd-img\300\3999\3999_02.JPG

Description: The photo shows a close up view of the stormwater drain that is site 300-79.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-79 1/18/1999
Site Alias(es): 300-79, 313 Building Stormwater Runoff, Miscellaneous Stream #457

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

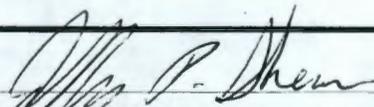
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

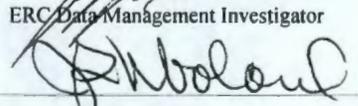
Site Code: 300-79

1/18/99

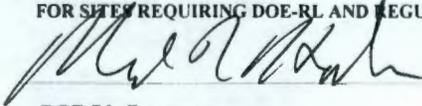
3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.b. Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>	<input type="radio"/>	<input type="radio"/>
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4. Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
	<input type="radio"/>	<input type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES	NO
	<input type="radio"/>	<input type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
	<input type="radio"/>	<input type="radio"/>
7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
	<input type="radio"/>	<input type="radio"/>

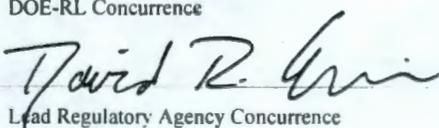
Comments:


ERC Data Management Investigator
Date: 1/19/99


Regulatory Compliance Concurrence
Date: 1/19/98

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence
Date: 1/19/99


Lead Regulatory Agency Concurrence
Date: 19 Jan 99

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-81

Site Reclassification Status: Rejected

Page 1

Site Names: 300-81, 321 Building Steam Condensate, Miscellaneous Stream #370

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593777.375

(N) 115875.961

Washington State Plane

Site Description: The drain is a 1.03 meter (3.3 foot) diameter concrete structure with a metal cover. The building source pipe is connected to the drain through the cover.

Location Description: The site is located on the northwest side of the 321 Building adjacent to Door #07.

Process Description: Steam is produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water is introduced into boilers to produce steam. This steam is superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this is a seasonal discharge. Non-regulated chemicals are added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is related to 321 Building. The 321 Building, also known as the Separation Building and Engineering Development Laboratory, provided facilities for hydraulic and mechanical research and development of reactor components. In the past, the building was used as a chemical pilot plant and also did research and development work for the REDOX Plant. A series of cells and tanks ran the entire length of the 321 Building in the south half and at a depth of 3.6 meters (12 feet) below grade. About 37 meters (120 feet) to the south of the building lay 4 underground tanks, each 14.8 meters (48.5 feet) long by 3.1 meters (10 feet) in diameter that were used to hold radioactive wastes. These tanks were located under the 323 Building. The facility is known to have had a number of releases associated with it. WIDS Site UPR-300-4 is an unplanned release associated with the 321 Building that is known to have contaminated the soil around the facility.

Site Comment: The stream was eliminated on 7/96. The source is abandoned. The source has been eliminated but the lines have not been capped. The disposal site has not been permanently abandoned.

The site lies within the estimated boundary of UPR-300-4, an unplanned release unit that represents multiple releases of contaminated material to soil between 1945 and 1955. The contaminated material was not removed because removal was believed to be a structural threat to the 321 Building.

Release Description: There were no known hazardous or radioactive releases from this steam condensate discharge.

References:

1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
3. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
5. 6/24/44, Hanford Engineer Works Building #321 Underground Storage Tanks Arrangement - Piping - Concrete - Plan and Details, W-75032, Rev 13.

Dimensions:

Diameter: 1.03 Meters 3.38 Feet

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
 DOE Division: TPD - Transition Program Division
 Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

This Site Was Consolidated With:

UPR-300-4, UN-300-4

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:
 New Site Code:

Waste Information:

Type: Steam Condensate
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.
 References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Site Code: 300-81

Site Reclassification Status: Rejected

Page 3

Type: Site Walkdown

Begin Date: 10/23/1998 **Field Crew:** CR Webb
End Date: 10/23/1998
Purpose: Verification
Site Cover: Gravel or Rock
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/23/98
Pathname: \\bhi002\esd-img\300\4001\4001_01.JPG
Description: Photo show the drain adjacent to Door #7 on the north side of the 321 Building with source pipe attached.
Date Taken: 10/23/98
Pathname: \\bhi002\esd-img\300\4001\4001_02.JPG
Description: Photo shows the northwest corner of the 321 Building with the drain adjacent to Door #7.

Waste Site Reclassification Form

<p>Date Submitted: 10/26/1998</p> <p>Originator: John Remaize, L6-26</p> <p>Phone: (509) 372-1462</p>	<p>Operable Unit(s): 300-FF-2</p> <p>Waste Site ID: 300-81</p> <p>Type of Reclassification Action:</p> <p>Rejected <input checked="" type="radio"/></p> <p>Closed-Out <input type="radio"/></p> <p>No Action <input type="radio"/></p>	<p>Control Number: 98-162</p>
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The drain is a 1.03 meter (3.3 foot) diameter concrete structure with a metal cover. The building source pipe is connected to the drain through the cover. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #370.

Basis for reclassification:

The "Inventory of Miscellaneous Streams, Revision 3" lists the site as inactive, source abandoned. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). The site received only steam condensate. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion. There were no known hazardous or radioactive releases from this steam condensate discharge.

The site lies within the estimated boundary of UPR-300-4, an unplanned release unit that represents multiple releases of contaminated material to soil between 1945 and 1955. The contaminated material was not removed because removal was believed to be a structural threat to the 321 Building. The full extent of contamination related to UPR-300-4 has not been determined. This site will be addressed as part of UPR-300-4.

<p><i>Mark R. Hahn</i></p> <hr/> <p>DOE Project Manager</p>	<p><i>[Signature]</i></p> <hr/> <p>Signature</p>	<p>2/12/99</p> <hr/> <p>Date</p>
<p>Ecology Project Manager</p>	<p>Signature</p>	<p>Date</p>
<p><i>David R. Einar</i></p> <hr/> <p>EPA Project Manager</p>	<p><i>[Signature]</i></p> <hr/> <p>Signature</p>	<p>12 Feb 99</p> <hr/> <p>Date</p>

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-82

Site Reclassification Status: Rejected

Page 1

Site Names: 300-82, 321 Building Steam Condensate, Miscellaneous Stream #371

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593772.688

(N) 115852.422

Washington State Plane

Site Description: The site is a 1.04 meter (3.3 foot) diameter french drain with a metal cover. The drain is flush with the ground. An overhead steam line runs north to south above the drain. The source piping has been removed. The soil just north of the french drain is discolored with a rusty stain.

Location Description: The site is located on the west side of the 321 Building, between the 321 Building and the 352-D Building.

Process Description: Steam is produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water is introduced into boilers to produce steam. This steam is superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this is a seasonal discharge. Non-regulated chemicals are added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is related to 321 Building. The 321 Building, also known as the Separation Building and Engineering Development Laboratory, provided facilities for hydraulic and mechanical research and development of reactor components. In the past, the building was used as a chemical pilot plant and also did research and development work for the REDOX Plant. A series of cells and tanks ran the entire length of the 321 Building in the south half and at a depth of 3.6 meters (12 feet) below grade. About 37 meters (120 feet) to the south of the building lay 4 underground tanks, each 14.8 meters (48.5 feet) long by 3.1 meters (10 feet) in diameter that were used to hold radioactive wastes. These tanks were located under the 323 Building. The facility is known to have had a number of releases associated with it. WIDS Site UPR-300-4 is an unplanned release associated with the 321 Building that is known to have contaminated the soil around the facility.

Site Comment: The stream was eliminated on 7/96. The source is abandoned. The source has been eliminated but the lines have not been capped. The disposal site has not been permanently abandoned. The source was eliminated. The source was eliminated 7/96.

Release Description: There were no known hazardous or radioactive releases from this steam condensate discharge.

- References:**
1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 2. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 3. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
 5. 6/24/44, Hanford Engineer Works Building #321 Underground Storage Tanks Arrangement - Piping - Concrete - Plan and Details, W-75032, Rev 13.

Dimensions:

Diameter: 1.04 Meters 3.40 Feet

Site Shape: Circle

References:

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

This Site Was Consolidated With:

UPR-300-4, UN-300-4

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

New Site Code:

Waste Information:

Type: Steam Condensate

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute).

References: 1. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.

Field Work:

Type: Site Walkdown

Begin Date: 05/28/1998 **Field Crew:** Tim Johnson
End Date: 05/28/1998
Purpose: Site description
Site Cover: Gravel or Rock
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No

References:

Type: Site Walkdown

Begin Date: 10/23/1998 **Field Crew:** CR Webb

End Date: 10/23/1998

Purpose: Verification

Comment: There are rust colored rocks north of the drain cover.

Site Cover: Gravel or Rock

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: Yes **Debris Visible:** No

Soil Color: Reddish Brown

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/23/98

Pathname: \\bhi002\esd-img\300\4002\4002_01.JPG

Description: Photo shows the 103 centimeter diameter, metal drain cover. The west wall of the 321 Building and the corrugated metal housing for Sitecode 300-84 are in the background.

Date Taken: 10/23/98

Pathname: \\bhi002\esd-img\300\4002\4002_02.JPG

Description: Photo shows the 103 centimeter diameter metal cover, flush with the ground, between two poles that support overhead steam lines. This drain is west of the white, corrugated metal caisson that houses Sitecode 300-82.

Waste Site Reclassification Form

Date Submitted: 10/26/1998	Operable Unit(s): 300-FF-2	Control Number: 98-163
Originator: John Remaize, L6-26	Waste Site ID: 300-82	
Phone: (509) 372-1462	Type of Reclassification Action:	
	Rejected <input checked="" type="radio"/>	
	Closed-Out <input type="radio"/>	
	No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

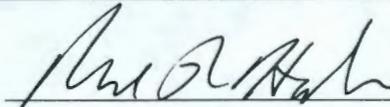
Description of current waste site condition:

The site is a 1.03 meter diameter drain with a metal cover. The overhead source piping has been removed. The source was eliminated on 7/96. The site is identified in the "Inventory of Miscellaneous Streams", Revision 3, as stream #371.

Basis for reclassification:

The "Inventory of Miscellaneous Streams, Revision 3" lists the site as inactive, source abandoned. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). The site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion. There were no known hazardous or radioactive releases from this steam condensate discharge.

The site lies within the estimated boundary of UPR-300-4, an unplanned release unit that represents multiple releases of contaminated material to soil between 1945 and 1955. The contaminated material was not removed because removal was believed to be a structural threat to the 321 Building. The full extent of contamination related to UPR-300-4 has not been determined. This site will be addressed as part of WIDS Site UPR-300-4.

<u>Mark R. Hahn</u> DOE Project Manager	 Signature	<u>11/19/99</u> Date
Ecology Project Manager	Signature	Date
<u>David R. Einar</u> EPA Project Manager	 Signature	<u>19 Jan 99</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-83

Site Reclassification Status: Rejected

Page 1

Site Names: 300-83, 321 Building Steam Condensate, Miscellaneous Stream #372

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593800

(N) 115859

Washington State Plane

Site Description: The site is a square concrete structure with a metal cover and labeled, F. D. #35. The concrete structure is raised 12.7 centimeters (5 inches) from the surrounding ground level. Inside the cover is a pipe with a 12.7 centimeter (5 inch) diameter screen cover. The inside of the structure is dry and the pipe appears to be inactive. The concrete structure is 3.6 meters (12 feet) west of the stormwater drain (site code 300-92) in front of the roll-up door.

Location Description: The site is located on the south side of the 321 Building, outside door #12, and at the bottom of the truck ramp. It is located against the building where two walls form a corner.

Process Description: Steam was produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is related to 321 Building. The 321 Building, also known as the Separation Building and Engineering Development Laboratory, provided facilities for hydraulic and mechanical research and development of reactor components. In the past, the building was used as a chemical pilot plant and also did research and development work for the REDOX Plant. A series of cells and tanks ran the entire length of the 321 Building in the south half and at a depth of 3.6 meters (12 feet) below grade. About 37 meters (120 feet) to the south of the building lay 4 underground tanks, each 14.8 meters (48.5 feet) long by 3.1 meters (10 feet) in diameter that were used to hold radioactive wastes. These tanks were located under the 323 Building. The facility is known to have had a number of releases associated with it. WIDS Site UPR-300-4 is an unplanned release associated with the 321 Building that is known to have contaminated the soil around the facility.

Site Comment: The source has been eliminated but the lines have not been capped. The disposal site has not been permanently abandoned. The steam has been shut down. The source was eliminated 7/96.

Release Description: There were no known hazardous or radioactive releases from this steam condensate discharge.

References:

1. DH DeFord, RW Carpenter, MW Einar, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
2. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
3. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
5. 6/24/44, Hanford Engineer Works Building #321 Underground Storage Tanks Arrangement - Piping - Concrete - Plan and Details, W-75032, Rev 13.

Dimensions:

Length: 1.33 Meters 4.36 Feet

Width: 1.25 Meters 4.10 Feet

Site Shape: Rectangle

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes
 DOE Division: TPD - Transition Program Division
 Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

This Site Was Consolidated With:

UPR-300-4, UN-300-4

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:

Post Closure Requirements:

Residual Waste:
 New Site Code:

Waste Information:

Type: Steam Condensate
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.
 References: 1. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.

Field Work:

Type: Site Walkdown

Type:	Site Walkdown		
Begin Date:	10/23/1998	Field Crew:	CR Webb
End Date:	10/23/1998		
Purpose:	Verification		
Site Cover:	Concrete		
Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No
Comment:	The metal cover was slid aside. The interior is shallow, about 20 centimeters (8 inches) deep. There is a pipe with a 12 centimeter (5 inch) diameter metal screen on top. The inside of the concrete structure is dry and appears to be inactive		
References:	1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.		

Images:

Date Taken: 10/23/98
Pathname: \\bhi002\esd-img\300\4003\4003_01.JPG
Description: The photo shows the square concrete structure with a metal lid, adjacent to Door #12, on the south side of the 321 Building.

Date Taken: 10/23/98
Pathname: \\bhi002\esd-img\300\4003\4003_02.JPG
Description: The photo shows the square concrete structure in the corner, adjacent to Door #12, at the bottom of the sloping truck ramp.

Date Taken: 11/20/98
Pathname: \\bhi002\esd-img\300\4003\4003_03.JPG
Description: Photo shows the inside of the concrete structure. It shows a pipe with a 5 inch diameter wire screen on top.

Waste Site Reclassification Form

Date Submitted: 10/26/1998 Originator: John Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 300-83 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-164
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

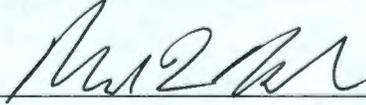
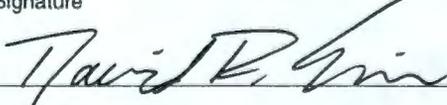
Description of current waste site condition:

The site is a square concrete structure measuring 1.3 meters by 1.25 meters. It has a metal cover. Inside the cover is a pipe with a 12.7 centimeter diameter metal screen on top. The site is identified in the "Inventory of Miscellaneous Streams", Revision 3, as stream #372.

Basis for reclassification:

The "Inventory of Miscellaneous Streams, Revision 3" lists the site as inactive, source abandoned. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). The site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion. There were no known hazardous or radioactive releases from this steam condensate discharge.

The site lies within the estimated boundary of UPR-300-4, an unplanned release unit that represents multiple releases of contaminated material to soil between 1945 and 1955. The contaminated material was not removed because removal was believed to be a structural threat to the 321 Building. The full extent of contamination related to UPR-300-4 has not been determined. This site will be addressed as part of UPR-300-4.

<u>Mark R. Hahn</u> DOE Project Manager	 Signature	<u>11/19/99</u> Date
<hr/> Ecology Project Manager	<hr/> Signature	<hr/> Date
<u>David R. Einam</u> EPA Project Manager	 Signature	<u>19 Jan 99</u> Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-84

Site Reclassification Status: Rejected

Page 1

Site Names: 300-84, 321 Building Vent Valve on Water Line, Miscellaneous Stream #348

Site Type: Valve Pit

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593769.562

(N) 115855.422

Washington State Plane

Site Description: The site is a 2.4 meter (8 foot) diameter, semicircular, steel caisson. It has a hatch opening marked "Confined Space". There are two valves at the bottom. The caisson is 2.2 meters (7.5 feet) deep. The site is marked "W-25" on the side of the caisson. One valve appears to be a main water shut off valve to the 321 building and the other is a drain valve. The 321 Building is unoccupied.

Location Description: The site is located adjacent to the west wall of the 321 Building.

Associated Structures: The site is related to 321 Building. The 321 Building, also known as the Separation Building and Engineering Development Laboratory, provided facilities for hydraulic and mechanical research and development of reactor components. In the past, the building was used as a chemical pilot plant and also did research and development work for the REDOX Plant. A series of cells and tanks ran the entire length of the 321 Building in the south half and at a depth of 3.6 meters (12 feet) below grade. About 37 meters (120 feet) to the south of the building lay 4 underground tanks, each 14.8 meters (48.5 feet) long by 3.1 meters (10 feet) in diameter that were used to hold radioactive wastes. These tanks were located under the 323 Building. The facility is known to have had a number of releases associated with it. WIDS Site UPR-300-4 is an unplanned release associated with the 321 Building that is known to have contaminated the soil around the facility.

Site Comment: The source is permanently abandoned. The source has been eliminated and lines capped, but the disposal site has not been permanently abandoned. The source was eliminated on 5/96.

Release Description: There were no known hazardous or radioactive releases from this water discharge.

- References:**
1. DH DeFord, RW Carpenter, MW Einan, 8/94, 300-FF-2 Operable Unit Technical Baseline Report, BHI-00012, Rev 00.
 2. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 3. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 4. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
 5. 6/24/44, Hanford Engineer Works Building #321 Underground Storage Tanks Arrangement - Piping - Concrete - Plan and Details, W-75032, Rev 13.

Dimensions:

Depth / Height:	2.29 Meters	7.50 Feet
Diameter:	2.44 Meters	8.00 Feet
Site Shape:	Half circle	

References:

Regulatory Information:

Programmatic Responsibility

DOE Program:	EM-60	Confirmed By Program:	Yes
DOE Division:	TPD - Transition Program Division		
Responsible Contractor/Subcontractor:	BWHC - B&W Hanford Company		

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

This Site Was Consolidated With:

UPR-300-4, UN-300-4

Reason: Within Boundary Of Larger Site

Permitting

RCRA Part A Permit: No

216/218 Permit: No

RCRA Part B Permit: No

NPDES: No

Closure Plan: No

State Waste Discharge Permit: No

TSD Number:

Septic Permit: No

Air Operating Permit: No

Inert Landfill: No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

New Site Code:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute).

References: 1. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.

Field Work:

Type: Site Walkdown

Begin Date: 05/28/1998

Field Crew: Tim Johnson

End Date: 05/28/1998

Purpose: Site description

Comment: The site appears to be a valve pit rather than an injection well as stated in the Inventory of Miscellaneous Streams Report.

Site Cover: Gravel or Rock

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References:

Type: Site Walkdown

Begin Date: 10/23/1998

Field Crew: CR Webb

End Date: 10/23/1998

Purpose: Verification

Site Cover: Gravel or Rock

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 5/28/98

Pathname: \\bhi002\esd-img\300\4004\4004_01.JPG

Description: Photo shows the inside of the semi-circular valve pit on west side of 321 Building.

Date Taken: 10/23/98

Pathname: \\bhi002\esd-img\300\4004\4004_02.JPG

Description: Photo shows the 2.4 meter (8 foot) diameter, white, corrugated metal caisson on the west wall of the 321 Building.

Waste Site Reclassification Form

Date Submitted: 11/19/1998 Originator: John Remaize, L6-26 Phone: (509) 372-1462	Operable Unit(s): 300-FF-2 Waste Site ID: 300-84 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-187
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

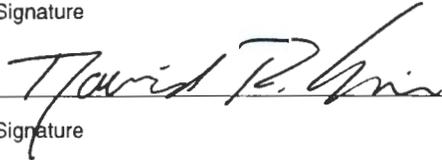
Description of current waste site condition:

The site is a 2.4 meter (8 foot) diameter, semicircular, steel caisson. It has a hatch opening marked "Confined Space". There are two valves at the bottom. The caisson is 2.2 meters (7.5 feet) deep. The site is marked "W-25" on the side of the caisson. One valve appears to be a main water shut off valve to the 321 building and the other is a drain valve. The 321 Building is unoccupied. The site is identified in the "Inventory of Miscellaneous Streams", Revision 3, as stream #348.

Basis for reclassification:

The source is listed in the "inventory of Miscellaneous Streams", Revision 3, as permanently abandoned. The source has been eliminated and lines capped, but the disposal site has not been permanently abandoned. The source was eliminated on 5/96.

The site lies within the estimated boundary of UPR-300-4, an unplanned release unit that represents multiple releases of contaminated material to soil between 1945 and 1955. The contaminated material was not removed because removal was believed to be a structural threat to the 321 Building. The full extent of contamination related to UPR-300-4 has not been determined. This site will be addressed as part of UPR-300-4.

<i>Mark R. Hahn</i> _____ DOE Project Manager	 _____ Signature	11/19/99 _____ Date
Ecology Project Manager	Signature	Date
<i>David R. Finan</i> _____ EPA Project Manager	 _____ Signature	19 Jan 99 _____ Date

Waste Information Data System General Summary Report

3/2/1999

Site Code: 300-86

Site Reclassification Status: Rejected

Page 1

Site Names: 300-86, 300 Area South Parking Lot Stormwater Runoff, Miscellaneous Stream #524

Site Type: Depression/Pit (nonspecific)

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593821.5

(N) 115569.969

Washington State Plane

Site Description: The site is a basin approximately 2 meters (6.6 feet) deep that collects stormwater from the main 300 area south parking lot. A lawn has been planted within the basin, and two inlet pipes are visible at the northeast corner and the southeast corner of the site.

Location Description: The site is located in the southwestern portion of the 300 Area, northeast of the Cypress Street Gate and north of the 320 building.

Process Description: The site collects stormwater from the adjacent parking lot and discharges it to ground. The grass serves to filter and biodegrade potential pollutants prior to infiltration to the soil.

Associated Structures: The site is associated with the 300 Area south parking lot.

Site Comment: Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

- References:**
1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Sq. Area: 2,676.00 sqMeters 28,804.20 sqFeet

Site Shape: Rectangle

Comment: The area of the site was calculated by ArcInfo from the GPS survey data.

References:

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 **Confirmed By Program:** Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit: No **216/218 Permit:** No

RCRA Part B Permit: No **NPDES:** No

Closure Plan: No **State Waste Discharge Permit:** No

TSD Number: **Septic Permit:** No

Air Operating Permit: No **Inert Landfill:** No

**Air Operating Permit
Number(s):**

Tri-Party Agreement

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Stormwater Runoff

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: According to the "Inventory of Miscellaneous Streams," Revision 3, the flow is less than 18.75 liters per minute (5 gallons per minute).

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 03/04/1998

Field Crew: Tim Johnson

End Date: 03/04/1998

Purpose: Mapping and site description

Site Cover: Dense Vegetation

Site Accessible: Yes

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

Vegetation Type: Disturbed

Comment: The site did not contain any water at the time of the inspection.

References:

Type: GPS Surveys

Begin Date: 05/14/1998

Field Crew: T. F. Johnson

End Date: 05/14/1998

Data Repository: HGIS

Purpose: location

Comment: Easting 593795.388, Northing 115595.593, Elev. 120.916
Easting 593860.291, Northing 115600.083, Elev. 121.395
Easting 593857.631, Northing 115555.228, Elev. 121.119
Easting 593799.068, Northing 115553.830, Elev. 120.792

Job Number: 164

Type: Real-Time Kinematic

References:

Images:

Date Taken: 3/5/98

Pathname: \\bhi002\esd-img\300\4017\4017_01.JPG

Description: Stormwater basin looking east.

Waste Site Reclassification Form

Date Submitted: 11/9/1998 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-86 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-182
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a basin approximately 2 meters (6.6 feet) deep that collects stormwater from the main 300 Area south parking lot. A lawn has been planted within the basin, and two inlet pipes are visible at the northeast corner and the southeast corner of the site.

Basis for reclassification:

The site collects stormwater from the adjacent parking lot and discharges it to ground. Stormwater runoff may collect small quantities of hydrocarbons and ethylene glycol that have leaked from vehicles parked in the area. The grass serves to filter and biodegrade potential pollutants prior to infiltration to the soil.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

<i>Steven T. Beerman</i>	Signature	<i>12/15/98</i> Date
DOE Project Manager		
<i>David R. Eiran</i>	Signature	<i>12/15/98</i> Date
Ecology Project Manager		
<i>David R. Eiran</i>	Signature	<i>12/15/98</i> Date
EPA Project Manager		

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-87

Site Classification: Rejected

Page 1

Site Names: 300-87, 309 Building Stormwater Runoff, Miscellaneous Stream #679

Site Type: French Drain

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594111

(N) 115645

Washington State Plane

Site Description: The site is a french drain that received stormwater runoff. It is located at the bottom of a covered stairwell and is surrounded by concrete. The site was covered by a 0.22 meter (0.72 foot) metal grate, which was sitting next to the site at the time of the November 4, 1998, walkdown. During this same walkdown, it was apparent that the stairwell roof was leaking during a rainstorm. The site appears to have been plugged; water was puddling in the stairwell. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, "Source Permanently Abandoned." The document also states that the site has been permanently plugged.

Location Description: The site is located at the bottom of the stairwell on the west side of the south wing of the 309 Building. The stairwell is below door #10.

Associated Structures: The site is associated with the 309 Building.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, lists the site as inactive, "Source Permanently Abandoned." The document also states that the site has been permanently plugged. This stream has been "Eliminated."

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.22 Meters 0.72 Feet

Site Shape: Circle

Comment: This measurement is for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No 216/218 Permit: No

RCRA Part B Permit: No NPDES: No

Closure Plan: No State Waste Discharge Permit: No

TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			
		Tri-Party Agreement	
Lead Regulatory Agency:	EPA		
Unit Category:	216/218		
TPA Appendix:			
		Remediation and Closure	
Decision Document:			
Decision Document Status:			
Remediation Design Group:			
Closure Document:			
Closure Type:			
Post Closure Requirements:			
		Residual Waste:	
		New Site Code:	

Waste Information:

Type: Stormwater Runoff

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute) of stormwater only.

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown

Begin Date: 11/04/1998 **Field Crew:** K.A. Prosser

End Date: 11/04/1998

Purpose: to verify site location and conditions

Site Cover: Concrete

Site Accessible: Yes **Site Found:** Yes

Soil Discoloration: No **Debris Visible:** No

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 11/5/98

Pathname: \\bhi002\esd-img\300\4018\4018_01.JPG

Description: This photo was taken from the southeast corner of the stairwell.

Site Code: 300-87

Site Classification: Rejected

Page 3

Date Taken: 11/5/98

Pathname: \\bhi002\esd-img\300\4018\4018_02.JPG

Description: This is a close-up of stream #679, showing puddling stormwater on a rainy day.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-87	1/18/1999
Site Alias(es):	300-87, 309 Building Stormwater Runoff, Miscellaneous Stream #679	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

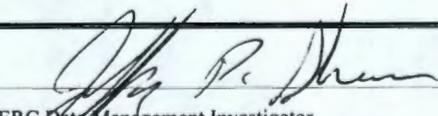
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300-87

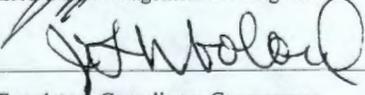
1/18/99

3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES NO <input type="radio"/> <input type="radio"/>
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>	
3.b. Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/> IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.	
4. Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES NO <input type="radio"/> <input type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES NO <input type="radio"/> <input type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES NO <input type="radio"/> <input type="radio"/>
7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES NO <input type="radio"/> <input type="radio"/>

Comments:


ERC Data Management Investigator

1/19/99
Date


Regulatory Compliance Concurrence

1/19/99
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

1/19/99
Date


Lead Regulatory Agency Concurrence

19 Jan 99
Date

Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

**Air Operating Permit
Number(s):**

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

New Site Code:

Waste Information:

Type: Stormwater Runoff
Category: Nondangerous/nonradioactive
Physical State: Liquid

Description: The "Inventory of Miscellaneous Streams", Revision 3, states that the flow rate is less than 0.038 liters per minute (0.01 gallons per minute) of stormwater runoff only.

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 10/23/1998 **Field Crew:** CR Webb
End Date: 10/23/1998
Purpose: Verification
Site Cover: Concrete
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/23/98
Pathname: \\bhi002\lesd-img\300\4023\4023_01.JPG

Description:	Photo shows the square grate in the asphalt in front of the roll-up door.
Date Taken:	10/23/98
Pathname:	\\bhi002\esd-img\300\4023\4023_02.JPG
Description:	Photo shows the 38 centimeter by 38 centimeter (15 inch by 15 inch) grate in front of the roll-up door, at the bottom of a sloping truck ramp on the south side of the 321 Building. The grate is plugged with dirt.
Date Taken:	11/20/98
Pathname:	\\bhi002\esd-img\300\4023\4023_03.JPG
Description:	Photo shows the outline of a storm grate. The grate is filled with dirt and mud.

Waste Site Reclassification Form

Date Submitted: 11/23/1998	Operable Unit(s): 300-FF-2	Control Number: 98-209
Originator: John Remaize, L6-26	Waste Site ID: 300-92	
Phone: (509) 372-1462	Type of Reclassification Action:	
	Rejected <input checked="" type="radio"/>	
	Closed-Out <input type="radio"/>	
	No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The drain is a small, steel grate, measuring 0.38 meters by 0.38 meters (1.25 foot by 1.25 foot). The drain is plugged with dirt. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #680.

Basis for reclassification:

The site is designed to receive Stormwater runoff from 321 building. The "Inventory of Miscellaneous Streams", Revision 3, states that the flow rate is less than 0.038 liters per minute (0.01 gallons per minute) of stormwater runoff only. Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

The site lies within the estimated boundary of UPR-300-4, an unplanned release unit that represents multiple releases of contaminated material to soil between 1945 and 1955. The contaminated material was not removed because removal was believed to be a structural threat to the 321 Building. The full extent of contamination related to UPR-300-4 has not been determined. This site will be addressed as part of UPR-300-4.

<i>Mark R. Hahn</i>		11/19/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i>		19 Jan 99
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-93

Site Classification: Rejected

Page 1

Site Names: 300-93, 324 Building Stormwater Runoff, Miscellaneous Stream #354

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594217.062

(N) 115744.562

Washington State Plane

Site Description: The site is a 0.65 meter by 0.47 meter (2.1 foot by 1.5 foot) grate in the asphalt parking area on the south side of the 324 Building. It is 3 meters (10 feet) south of the lawn.

Location Description: The drain is located 9 meters (30 feet) south of the 324 Building.

Associated Structures: The site was associated with the 324 Building.

Site Comment: The "Inventory of Miscellaneous Streams", Revision 3 identifies this stream with a "SPA" flag. The following explanation is provided for this flag. SPA indicates the source is permanently abandoned. The source has been eliminated and the lines capped, but the disposal site has not been permanently abandoned.

The "Inventory of Miscellaneous Streams", Revision 3 also provides the following note for this stream. The discharge from the stormwater catch basin was rerouted to the 300 Area Process Sewer (eliminating the source of the miscellaneous stream). Prior to March 1995, while functioning as an injection well, the unit received only uncontaminated stormwater.

- References:**
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Length: 0.65 Meters 2.13 Feet

Width: 0.47 Meters 1.54 Feet

Site Shape: Rectangle

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 Confirmed By Program: Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No

216/218 Permit: No

RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: CERCLA Past Practice (CPP)
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:
 New Site Code:

Waste Information:

Type: Stormwater Runoff
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: When the site was active, the flow rate was less than 0.19 liters per minute (0.05 gallons per minute) of stormwater runoff only.
 References: 1. 1996, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 1.

Field Work:

Type: Site Walkdown
 Begin Date: 10/26/1998 Field Crew: CR Webb
 End Date: 10/26/1998
 Purpose: Verification
 Site Cover: Asphalt
 Site Accessible: Yes Site Found: Yes
 Soil Discoloration: No Debris Visible: No

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/26/98

Pathname:	\\bhi002\esd-img\300\4024\4024_01.JPG
Description:	Photo shows the parking area on the south side of the 324 Building. The drain is in the asphalt parking area.
Date Taken:	10/26/98
Pathname:	\\bhi002\esd-img\300\4024\4024_02.JPG
Description:	Photo shows the 0.65 meter grate in the parking area south of the 324 Building.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-93	1/18/1999
Site Alias(es):	300-93, 324 Building Stormwater Runoff, Miscellaneous Stream #354	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

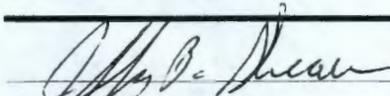
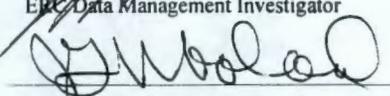
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300-93

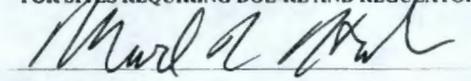
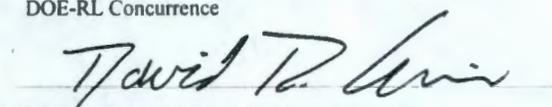
1/18/99

3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
	<input type="radio"/>	<input type="radio"/>
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b. Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4. Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
	<input type="radio"/>	<input type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES	NO
	<input type="radio"/>	<input type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
	<input type="radio"/>	<input type="radio"/>
7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
	<input type="radio"/>	<input type="radio"/>

Comments:


Eric Data Management Investigator

Regulatory Compliance Concurrence
1/19/99
Date
1/19/99
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence
1/19/99
Date

Lead Regulatory Agency Concurrence
19 Jan 99
Date

Waste Information Data System General Summary Report

3/2/1999

Site Code: 300-94

Site Classification: Rejected

Page 1

Site Names: 300-94, 324 Building Stormwater Runoff, Miscellaneous Stream #711, 300-234

Site Type: French Drain

Start Date:

Status: Active

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594217.062

(N) 115744.562

Washington State Plane

Site Description: The site is a network of a drywell and a catch basin network installed to eliminate flooding on the east side of the 324 building. The drain and the catch basin are subsurface structures and are not visible. A 0.63 by 0.53 meter grate is visible in the gravel near the northeast corner of the 324 Building. The building escort for the 10-26-98 site visit pointed out that there is an identical grate at the southeast corner of the building, with a concrete trough leading to it to help direct water flow. The second grate is approximately 9 meters (30 feet) south of the one on the northeast corner. The two grates are in line with each other, parallel to the east side of the building. A PVC inlet and outlet pipe is visible through the grates. The two grates appear to be connected and are assumed to be stormwater collection points for the drainage system.

Location Description: The drain is located approximately 21.3 meters (70 feet) north of the northeast corner of the 324 building. A surface grate is located 1.2 meters (4 feet) east of the 324 Building, adjacent to the exhaust ventilation fans.

Site Comment: The "Inventory of Miscellaneous Streams", Revision 3, states that a drywell and catch basin network was installed to eliminate flooding along the east side of 324 Building.

Stormwater disposal to engineered structures will be managed under a permit issued by Ecology in 1999.

- References:**
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
 4. 5-10-50, 300 Area Outside Lines, M-3800, Sht 3.

Dimensions:

Length: 0.63 Meters 2.07 Feet

Width: 0.53 Meters 1.74 Feet

Site Shape: Rectangle

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-60 **Confirmed By Program:** Yes

DOE Division: TPD - Transition Program Division

Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: No

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			
Tri-Party Agreement			
Lead Regulatory Agency:	EPA		
Unit Category:	216/218		
TPA Appendix:			
Remediation and Closure			
Decision Document:			
Decision Document Status:			
Remediation Design Group:			
Closure Document:			
Closure Type:			
Post Closure Requirements:			
		Residual Waste:	
		New Site Code:	

Waste Information:

Type: Stormwater Runoff
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: The "Inventory of Miscellaneous Streams", Revision 3, states that the flow rate is less than 0.79 liters per minute (0.20 gallons per minute).
 References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
 Begin Date: 10/26/1998 Field Crew: CR Webb and Dave Larson
 End Date: 10/26/1998
 Purpose: Verification
 Site Cover: Gravel or Rock
 Site Accessible: Yes Site Found: Yes
 Soil Discoloration: No Debris Visible: No
 References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

images:

Date Taken:	10/26/98
Pathname:	\\bhi002\esd-img\300\4025\4025_01.JPG
Description:	Photo shows the 0.63 meter grate on the drain in the gravel near the northeast corner of the 324 Building.
Date Taken:	10/26/98
Pathname:	\\bhi002\esd-img\300\4025\4025_02.JPG
Description:	Photo shows the 0.63 meter grate in the gravel opposite the second exhaust fan housing (near the northeast corner of the 324 Building).
Date Taken:	10/26/98
Pathname:	\\bhi002\esd-img\300\4025\4025_03.JPG
Description:	Photo shows a previously unidentified drain located on the southeast corner of the 324 Building, that is identical to the one that is Sitecode 300-94. The two drains are in line with each other. The second drain has a concrete trough to help direct water flow to it.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code: 300-94

1/18/1999

Site Alias(es): 300-94, 324 Building Stormwater Runoff, Miscellaneous Stream #711

Waste Management Unit	Not a Waste Management Unit	More Information Needed
------------------------------	------------------------------------	--------------------------------

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES NO

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

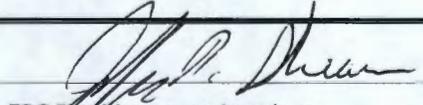
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300-94

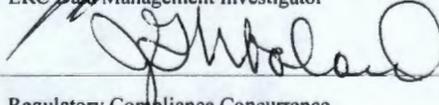
1/18/99

3. Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
	<input type="radio"/>	<input type="radio"/>
3.a. Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input type="radio"/>		
3.b. Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.		
4. Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
	<input type="radio"/>	<input type="radio"/>
5. Is the unit an inactive, contaminated structure?	YES	NO
	<input type="radio"/>	<input type="radio"/>
6. Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
	<input type="radio"/>	<input type="radio"/>
7. Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
	<input type="radio"/>	<input type="radio"/>

Comments:

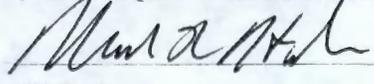

ERC Data Management Investigator

1/19/99
Date

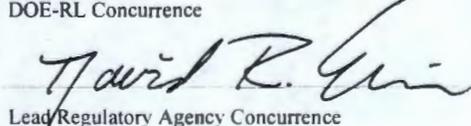

Regulatory Compliance Concurrence

1/19/99
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

1/19/99
Date


Lead Regulatory Agency Concurrence

19 Jan 99
Date

DOE Program: EM-60 Confirmed By Program: Yes
 DOE Division: TPD - Transition Program Division
 Responsible Contractor/Subcontractor: BWHC - B&W Hanford Company

Site Evaluation

Solid Waste Management Unit: Yes
 TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No	216/218 Permit: ST 4509
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No
Air Operating Permit Number(s):	

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:
 New Site Code:

Waste Information:

Type:	Stormwater Runoff
Category:	Nondangerous/nonradioactive
Physical State:	Liquid
Description:	According to the "Inventory of Miscellaneous Streams," Revision 3, the flow for stormwater runoff and steam condensate is less than 0.05 gallons per minute.
References:	1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
Type:	Steam Condensate
Category:	Nondangerous/nonradioactive
Physical State:	Liquid
Description:	According to the "Inventory of Miscellaneous Streams," Revision 3, the flow for stormwater runoff and steam condensate is less than 0.05 gallons per minute.
References:	1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 11/20/1998 **Field Crew:** K.A. Prosser
End Date: 11/20/1998
Purpose: to verify site location and conditions
Site Cover: Gravel or Rock
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No
Soil Texture: Gravel (>50%, <1 inch)
References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 11/17/98
Pathname: \\bhi002\esd-img\300\4026\4026_01.JPG
Description: This photo shows stream #425. The sign on the cover reads "Danger, Limited Access/Confined Space."
Date Taken: 11/23/98
Pathname: \\bhi002\esd-img\300\4026\4026_02.JPG
Description: This is a close-up of stream #425. The sign on the cover reads "Danger, Limited Access/Confined Space."
Date Taken: 11/23/98
Pathname: \\bhi002\esd-img\300\4026\4026_03.JPG
Description: This photo was taken looking northeast towards the 338 Building.
Date Taken: 11/23/98
Pathname: \\bhi002\esd-img\300\4026\4026_04.JPG
Description: This photo was taken looking northwest towards the 336 Building.

Waste Site Reclassification Form

Date Submitted: 11/21/1998	Operable Unit(s): 300-FF-2	Control Number: 98-190
Originator: D. E. Rasmussen, L1-04	Waste Site ID: 300-95	
Phone: (509) 376-3288	Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

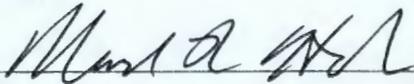
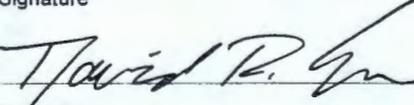
Description of current waste site condition:

The site is a french drain that receives stormwater runoff and steam condensate. All that can be seen of the site is an inset, 1.37 meter (4.49 foot) diameter, thin metal cover or lid. This cover is inset in a round concrete pad and appears to be bolted onto an underlying grate. The site is labeled "Confined Space." The site and concrete pad are higher in elevation than the surrounding gravel. No incoming or nearby pipes were visible during the November 20, 1998, walkdown. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #425.

Basis for reclassification:

Steam is produced from sanitary water that has been sent through a water softener system to remove minerals (calcium and magnesium). The treated water is introduced into boilers to produce steam. This steam is superheated before distribution to facilities for heating and process use. Disposal sites receive steam condensate from the steam distribution lines. When used for heating purposes, this is a seasonal discharge. Non-regulated chemicals are added to dechlorinate the water, prevent scale, and control corrosion. The site is an active structure that receives less than 0.05 gallons per minute steam condensate and stormwater runoff only. There were no known hazardous or radioactive releases from this steam condensate discharge.

Disposal structures meeting the definition of "underground injection control", as stated in Washington Administrative Code (WAC) 173-218, are registered (listed) as underground injection wells. This site is exempt from permitting under WAC 173-216 because Ecology considers the WAC 173-218 registration to be sufficient for sites that received steam condensate only. This site is also related to stormwater discharge that will be managed under a permit issued by Ecology in 1999.

Mark R. Hahn _____ DOE Project Manager	 _____ Signature	11/19/99 _____ Date
Ecology Project Manager	Signature	Date
David R. Einarson _____ EPA Project Manager	 _____ Signature	19 Jan 99 _____ Date

RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			
Tri-Party Agreement			
Lead Regulatory Agency:	EPA		
Unit Category:	216/218		
TPA Appendix:			
Remediation and Closure			
Decision Document:			
Decision Document Status:			
Remediation Design Group:			
Closure Document:			
Closure Type:			
Post Closure Requirements:			
Residual Waste:			

Waste Information:

Type: Steam Condensate
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.
 References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
 Begin Date: 10/20/1998 Field Crew: CR Webb
 End Date: 10/20/1998
 Purpose: Verification
 Site Cover: Gravel or Rock
 Site Accessible: Yes Site Found: Yes
 Soil Discoloration: No Debris Visible: No
 References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 10/20/98

Pathname:	\\bhi002\esd-img\300\4033\4033_01.JPG
Description:	Photo shows the metal cover on the 96 centimeter drain, located on the north side of the 328 Building.
Date Taken:	10/20/98
Pathname:	\\bhi002\esd-img\300\4033\4033_02.JPG
Description:	Photo shows the north side of the 328 Building. The site is located between the shed and the building entrance (roll up door).

Waste Site Reclassification Form

Date Submitted: 10/20/1998	Operable Unit(s): 300-FF-2	Control Number: 98-137
Originator: Brian Dixon, G3-26	Waste Site ID: 300-102	
Phone: (509) 376-7053	Type of Reclassification Action:	
	Rejected <input checked="" type="radio"/>	
	Closed-Out <input type="radio"/>	
	No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is an injection well that received steam condensate. The injection well is a 96 centimeter (38 inch) diameter structure with a heavy metal cover that has four holes in it. It is flush with the gravel surface surrounding it. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #353.

Basis for reclassification:

The "Inventory of Miscellaneous Streams", Revision 3, lists the site as inactive, source abandoned. This site received steam condensate only. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

<i>Steven T. Brennan</i>		12/15/98
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i>	<i>David R. Einar</i>	12/15/98
EPA Project Manager	Signature	Date

Responsible

Contractor/Subcontractor: WMH - Waste Management Federal Services of Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type: Waste Disposal Unit

Permitting

RCRA Part A Permit: No 216/218 Permit: No

RCRA Part B Permit: No NPDES: No

Closure Plan: No State Waste Discharge Permit: No

TSD Number: No Septic Permit: No

Air Operating Permit: No Inert Landfill: No

Air Operating Permit
Number(s):**Tri-Party Agreement**

Lead Regulatory Agency: EPA

Unit Category: 216/218

TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water

Category: Nondangerous/nonradioactive

Physical State: Liquid

Description: When the site was active, it received flush water drainage and pump leakage. The source of the water was uncontaminated potable water. The flow rate was less than 0.038 liters (0.01 gallons) per minute.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.**Field Work:**

Type: Site Walkdown

Begin Date: 12/09/1998

Field Crew: CR Webb, Dave Roohr, Fred Biebesheimer

End Date: 12/09/1998

Purpose: Verification

Site Cover: Concrete

Site Accessible: No

Site Found: Yes

Soil Discoloration: No

Debris Visible: No

Comment: The drain is at the bottom of a pump pit that is approximately 2.4 meters (8 feet) deep. We did not physically enter the pit to measure the drain. The drain cover has a rusty appearance.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 12/10/98

Pathname: \\bhi002\esd-img\300\4043\4043_01.JPG

Description: This photo shows the perforated drain cover at the bottom of the pump pit.

Date Taken: 12/10/98

Pathname: \\bhi002\esd-img\300\4043\4043_02.JPG

Description: This photo shows the covered pump pit. It is labeled "Non-Permit Confined Space". The yellow riser adjacent to the pump pit is the retention process sewer line. It is marked "Internally Contaminated".

Waste Site Reclassification Form

Date Submitted: 12/15/1998 Originator: R. D. Haggard, H6-25 Phone: (509) 376-3723	Operable Unit(s): 300-FF-2 Waste Site ID: 300-112 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-243
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

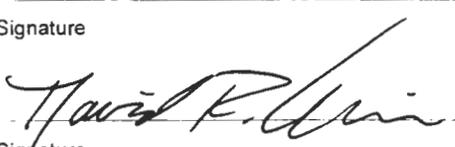
Description of current waste site condition:

The Pump Pit is an engineered structure with an entry hatch labeled "Non-Permit Confined Space". The drain is at the bottom of the pit. It has a perforated, circular cover that measures approximately 0.61 meters (2 feet) in diameter. The pumps and piping have been removed.

The pumps have been removed (1996). Although the pumps were disposed of as low level radioactive material because of possible internal contamination, the external casing was not contaminated. The piping has been removed and capped. The internal surfaces of the pump pit were surveyed and found to be less than detectable.

Basis for reclassification:

The drain received leakage and drainage from the pump. The pump was flushed with clean service water during routine freeze protection maintenance. The source of the water was nonradioactive/nondangerous potable water. The flow rate was less than 0.038 liters (0.01 gallons) per minute.

<i>Glenn Richardson</i> DOE Project Manager	 Signature	01/15/99 Date
Ecology Project Manager	Signature	Date
<i>David R. Eiman</i> EPA Project Manager	 Signature	15 Jan 99 Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-113

Site Reclassification Status: Rejected

Page 1

Site Names: 300-113, 340 Building Steam Condensate/ Water Heater Overflow, Miscellaneous Stream #341

Site Type: Injection/Reverse Well

Start Date:

Status: Active

End Date:

1996

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594144.562

(N) 115925.391

Washington State Plane

Site Description: The drain is a 0.46 meter (18 inch) diameter metal pipe that extends slightly above grade. A 1.3 centimeter (0.5 inch) diameter pipe exits the building wall and terminates over the drain. The pipe is connected to a water heater overflow valve, that is inside the 340 Building. Before the steam utility was removed from the building, the drain received steam condensate.

Location Description: The drain is located at the southwest corner of the 340 Building.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Site Comment: The steam source was permanently abandoned in May 1996. A closed loop system was installed. The injection well does not receive storm water. However, a site visit in December 1998 found that the drain is now connected to a water heater overflow line.

The site is flagged in the "Inventory of Miscellaneous Streams", Revision 3 as being located within 91.4 meters (300 feet) of an active/inactive crib, ditch or trench. The rationale (in the document) for this criteria is that there is a potential for migration of existing contaminants present in the soil within the 91.4 meter (300 foot) radius of the discharge point. The sites within this radius are the 316-1 Pond, 316-3 Trenches, and the 307 Retention Basins.

- References:**
1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Diameter: 0.46 Meters 1.50 Feet

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30 **Confirmed By Program:** Yes

DOE Division: WPD - Waste Program Division

Responsible Contractor/Subcontractor: WMH - Waste Management Federal Services of Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	ST 4508
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Steam Condensate
 Category: Nondangerous/nonradioactive
 Physical State: Liquid

End Date: 1996

Description: The site received steam condensate before the steam was shut off in the building. When the site was active (steam condensate), the flow rate was less than 0.038 liters (0.01 gallons) per minute. Currently, the site is set up to receive overflow from the water heater located inside the 340 Building. The flow rate for this activity is unknown. The effluent from the water heater is nondangerous/nonradioactive potable water.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Field Work:

Type: Site Walkdown
 Begin Date: 12/09/1998 Field Crew: CR Webb, Dave Roohr, Fred Biebesheimer
 End Date: 12/09/1998
 Purpose: Verification
 Site Cover: Gravel or Rock
 Site Accessible: Yes Site Found: Yes
 Soil Discoloration: No Debris Visible: No

Comment: The drain is located on the southwest corner of the 340 Building.

Site Code: 300-113
Comment:

Site Reclassification Status: Rejected

Page 3

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 12/14/98

Pathname: \\bhi002\esd-img\300\4044\4044_03.JPG

Description: This photo shows the metal drain located adjacent to the southwest corner of the 340 Building.

Waste Site Reclassification Form

Date Submitted: 12/12/1998 Originator: R. D. Haggard, H6-25 Phone: (509) 376-3723	Operable Unit(s): 300-FF-2 Waste Site ID: 300-113 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-236
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

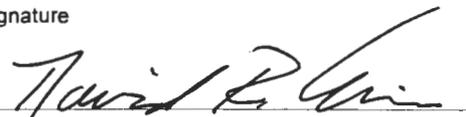
The drain is a 0.46 meter (18 inch) diameter metal pipe that extends slightly above grade. A 1.3 centimeter (0.5 inch) diameter pipe exits the building wall and terminates over the drain. Before the steam utility was removed from the building, the drain received steam condensate. The site is identified in the "Inventory of Miscellaneous Streams", Revision 3 as an eliminated and deleted stream.

However, a site visit in December 1998 found that the drain is now connected to a water heater overflow line that is located inside the 340 Building. The site status was changed to "active".

Basis for reclassification:

The "Inventory of Miscellaneous Streams", Revision 3, lists the site as inactive, source abandoned. Prior to the steam utility being shut off, the site received steam condensate only. When the site was active for steam condensate, the flow rate was less than 0.038 liters (0.01 gallons) per minute. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

The site is now connected to a water heater overflow line. The site is receiving nondangerous/nonradioactive potable water.

<i>Glenn Richardson</i>		01/15/99
DOE Project Manager	Signature	Date
Ecology Project Manager	Signature	Date
<i>David R. Finan</i>		15 Feb 99
EPA Project Manager	Signature	Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-114

Site Reclassification Status: Rejected

Page 1

Site Names: 300-114, 340A Building Steam Condensate, Miscellaneous Stream #427

Site Type: Injection/Reverse Well

Start Date:

Status: Inactive

End Date:

1996

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594207.062

(N) 115938.727

Washington State Plane

Site Description: Currently, there are no visual surface features. The drain area was backfilled with clean gravel when the steam system was removed from the building. The gravel over the drain is slightly darker than the other gravel in the area.

Location Description: The site is located east of the 340A building, adjacent to the chain link fence.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is associated with the 340A Building.

Site Comment: The site was eliminated from the list of active streams in the Inventory of Miscellaneous Streams Report in May 1996. The building steam has been turned off.

The site is flagged in the "Inventory of Miscellaneous Streams", Revision 3 as being located within 91.4 meters (300 feet) of an active/inactive crib, ditch or trench. The rationale (in the document) for this criteria is that there is a potential for migration of existing contaminants present in the soil within the 91.4 meter (300 foot) radius of the discharge point. The sites within this radius are the 316-1 Pond, 316-3 Trenches, and the 307 Retention Basins.

- References:**
1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
 2. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-30 Confirmed By Program: Yes
 DOE Division: WPD - Waste Program Division
 Responsible Contractor/Subcontractor: WMH - Waste Management Federal Services of Hanford, Inc.

Site Evaluation

Solid Waste Management Unit: Yes
 TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No

TSD Number: Septic Permit: No
 Air Operating Permit: No Inert Landfill: No
 Air Operating Permit
 Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:
 Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: When the site was active, it received less than 0.038 liters (0.01 gallons) per minute of steam condensate.
 References: 1. 9/1997, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 2.

Field Work:

Type: Site Walkdown
 Begin Date: 12/09/1998 Field Crew: CR Webb, Dave Roohr, Fred Biebesheimer
 End Date: 12/09/1998
 Purpose: Verification
 Site Cover: Gravel or Rock
 Site Accessible: No Site Found: No
 Soil Discoloration: No Debris Visible: No

Comment: The drain is not visible. The area where the drain is located was covered with clean gravel when the steam system was removed from the building.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 12/10/98

Pathname:	\\bhi002\esd-img\300\4045\4045_01.JPG
Description:	This photo shows the east side of the 340A building. The french drain was located near the fence, where the patch of darker gravel is located.
Date Taken:	12/10/98
Pathname:	\\bhi002\esd-img\300\4045\4045_02.JPG
Description:	This photo shows the dark patch of gravel covering the french drain location.
Date Taken:	5/1/96
Pathname:	\\bhi002\esd-img\300\4045\4045_03.JPG
Description:	This photo shows the French Drain east of the 340A Building prior to being removed and covered with gravel.
Date Taken:	5/1/96
Pathname:	\\bhi002\esd-img\300\4045\4045_04.JPG
Description:	This photo shows the drain pit located east of the 340A Building prior to being removed and covered with gravel.

Waste Site Reclassification Form

Date Submitted: 12/12/1998 Originator: R. D. Haggard, H6-25 Phone: (509) 376-3723	Operable Unit(s): 300-FF-2 Waste Site ID: 300-114 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-237
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This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

Currently, there are no visual surface features. The drain area was backfilled with clean gravel when the steam system was removed from the 340A building. The gravel over the drain is slightly darker than the other gravel in the area.

Basis for reclassification:

The "Inventory of Miscellaneous Streams", Revision 3, lists the site as inactive, source abandoned. When the site was active, it received less than 0.038 liters (0.01 gallons) per minute. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

<i>Glenn Richardson</i> _____ DOE Project Manager	<i>Glenn Richardson</i> _____ Signature	01/15/99 _____ Date
Ecology Project Manager	Signature	Date
<i>David R. Einar</i> _____ EPA Project Manager	<i>David R. Einar</i> _____ Signature	15 Jan 99 _____ Date

**Air Operating Permit
Number(s):****Tri-Party Agreement**

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:

Decision Document Status:

Remediation Design Group:

Closure Document:

Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Water
Category: Nondangerous/nonradioactive
Physical State: Liquid

Description: The drain would have received nondangerous/nonradioactive (potable) water in the event of a failure of the service water backflow preventer. There has been no known failure of the backflow preventer. Thus, this site would not have received any discharge.

References:

1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.
2. CR Webb, 12-18-98, Interview with Dave Roohr regarding drains at the 340 Complex.

Field Work:

Type: Site Walkdown
Begin Date: 12/09/1998 **Field Crew:** CR Webb, Dave Roohr, Fred Biebesheimer
End Date: 12/09/1998
Purpose: Verification
Site Cover: Gravel or Rock
Site Accessible: No **Site Found:** No
Soil Discoloration: No **Debris Visible:** No

Comment: There are no visible surface features. The drain has been covered with gravel.

References: 1. C. R. Webb, Field Logbook assigned to Christine Webb, EL-1255.

Images:

Date Taken: 12/10/98
Pathname: \\bhi002\esd-img\300\4046\4046_01.JPG
Description: This photo shows the east side of the 340B Building. It was located approximately where the patch of darker gravel can be seen.

DISCOVERY SITE EVALUATION CHECKLIST

(To be completed by a member of ERC Data Management and included with the data package for a newly discovered potential waste management unit.)

Site Code:	300-115	1/14/1999
Site Alias(es):	300-115, 340B Building Backflow Preventer Emergency Drain, Miscellaneous Stream #426	

Waste Management Unit	Not a Waste Management Unit	More Information Needed
<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1. Does the unit receive uncontaminated rainwater runoff only? y n

IF YES, CHECK "NOT A WASTE MANAGEMENT UNIT" ABOVE AND STOP. IF NO, GO TO 2.

A check in any "YES" box below indicates the site is a waste management unit as defined in Section 3.1 of the Tri-Party Agreement (TPA). (Items 2 through 7 below correspond with the six waste management unit types found in the TPA definition.)

YES	NO
<input type="radio"/>	<input checked="" type="radio"/>

2. Complete items 2.a through 2.f below to determine if the unit is a solid waste management unit (SWMU) as specified under WAC 173-303-040.

2.a. Is the material at the unit a waste (i.e., a regulated waste or a discarded material, including garbage, refuse, sludge, construction/demolition debris, industrial/sanitary wastewater or other discarded solid, liquid, semisolid, or contained gas)? y n

IF NO, CHECK NO AND GO TO 3. IF YES, GO TO 2.b.

2.b. Is the waste from historical residential activities (i.e., not from industrial, commercial, mining, agricultural, or community activities)? y n

2.c. Is the unit an industrial wastewater point discharge permitted under the Clean Water Act (i.e., National Pollutant Discharge Elimination System permit)? y n

2.d. Does the waste consist ONLY of source, special nuclear, or byproduct material regulated by the Atomic Energy Act? y n

A YES TO ANY OF THE ABOVE QUESTIONS INDICATES THE SITE IS NOT A SWMU. IF SO, CHECK NO AND GO TO 3. IF ALL ARE NO, GO TO 2.e.

2.e. Was the waste placed in a discernable unit (i.e., a landfill, surface impoundment, land treatment unit, waste pile, tank, container storage area, incinerator, injection well, wastewater treatment unit, waste recycling unit, or other physical, chemical, or biological treatment unit)? y n

IF YES, CHECK YES AND GO TO 3. IF NO, GO TO 2.f.

2.f. Is the unit the result of routine and systematic discharges (i.e., areas receiving small but steady discharges over time from systematic human activity, such as from loading/unloading operations, solvent washing, industrial process sewer systems, etc.)? y n

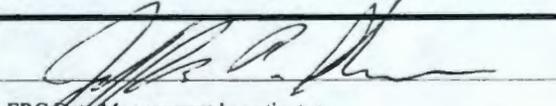
IF YES, CHECK YES. IF NO, CHECK NO. GO TO 3.

Site Code: 300-115

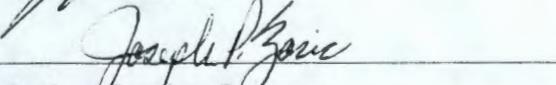
1/14/99

3.	Is the unit a waste disposal unit? (Complete items 3.a and 3.b below)	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
3.a.	Does the unit require a RCRA permit for the disposal of dangerous or mixed waste? y <input type="radio"/> n <input checked="" type="radio"/>		
3.b.	Have hazardous wastes or substances been disposed of in a burial ground, pit, pond, ditch, crib, trench, french drain, or land surface that is not subject to regulation as a RCRA disposal unit and may require action to mitigate a potential environmental impact (e.g., radioactive waste disposal units, pre-RCRA units)? y <input type="radio"/> n <input checked="" type="radio"/>		
IF EITHER IS YES, CHECK YES. IF BOTH ARE NO, CHECK NO. GO TO 4.			
4.	Is the unit an unplanned release that has not been adequately cleaned up and represents a potential threat to human health or the environment (i.e., releases above CERCLA reportable quantities defined in 40 CFR 302.4; other hazardous substance releases, including petroleum, that may require action to mitigate a potential environmental impact)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
5.	Is the unit an inactive, contaminated structure?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
6.	Does the unit require a RCRA permit for the treatment or storage of dangerous or mixed waste?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>
7.	Is the unit another type of storage unit that may require action to mitigate a potential environmental impact (e.g., radioactive waste storage unit)?	YES	NO
		<input type="radio"/>	<input checked="" type="radio"/>

Comments: The drain would have received nondangerous/nonradioactive (potable) water in the event of a failure of the service water backflow preventer. There has been no known failure of the backflow preventer. Thus, this site would not have received any discharge.

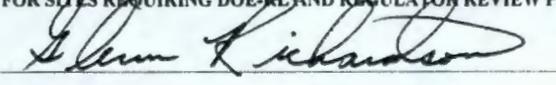

ERC Data Management Investigator

1/14/99
Date

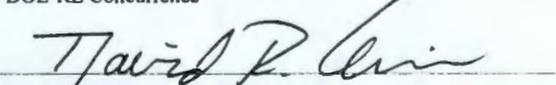

Regulatory Compliance Concurrence

1-14-99
Date

FOR SITES REQUIRING DOE-RL AND REGULATOR REVIEW PER SECTION 5.2 OF RL-TPA-90-0001, TPA-MP-14


DOE-RL Concurrence

01/15/99
Date


Lead Regulatory Agency Concurrence

15 Jan 99
Date

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-116

Site Reclassification Status: Rejected

Page 1

Site Names: 300-116, 3506A Building Steam Condensate, Miscellaneous Stream #381

Site Type: French Drain

Start Date:

Status: Inactive

End Date:

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 593847.125

(N) 115977.25

Washington State Plane

Site Description: The site is a french drain that is covered by a 0.48 meter (1.57 foot) by 0.48 meter (1.57 foot) square metal lid. This french drain appears to be constructed of concrete. The top is slightly depressed relative to the surrounding gravel. A pipe from the overhead steam line enters the ground nearby. The pipe is labeled "HPD-TRP-057." According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Location Description: The site is located approximately 3.5 meters (11.5 feet) east of the north entry door of the 3506A Building.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is associated with the 3506A Building and steam trap, HPD-TRP-057.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, lists the source as abandoned. This stream was "eliminated" in 6/98.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Dimensions:

Length: 0.48 Meters 1.57 Feet

Width: 0.48 Meters 1.57 Feet

Site Shape: Square

Comment: These measurements are for the lid.

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:

Programmatic Responsibility

DOE Program: EM-70 Confirmed By Program: Yes

DOE Division: SID - Site Infrastructure Division

Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes

TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No

Air Operating Permit
Number(s):

Tri-Party Agreement

Lead Regulatory Agency: EPA
 Unit Category: 216/218
 TPA Appendix:

Remediation and Closure

Decision Document:
 Decision Document Status:
 Remediation Design Group:
 Closure Document:
 Closure Type:

Post Closure Requirements:

Residual Waste:

Waste Information:

Type: Steam Condensate
 Category: Nondangerous/nonradioactive
 Physical State: Liquid
 Description: When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.
 References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
 Begin Date: 10/14/1998 Field Crew: K.A. Prosser
 End Date: 10/14/1998
 Purpose: to verify site location and conditions
 Site Cover: Gravel or Rock
 Site Accessible: Yes Site Found: Yes
 Soil Discoloration: No Debris Visible: No
 Soil Texture: Gravel (>50%, <1 inch)
 References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Images:

Date Taken: 10/14/98

Pathname: \\bhi002\esd-img\300\4047\4047_01.JPG

Description: This is a close-up of stream #381.

Date Taken: 10/16/98

Pathname: \\bhi002\esd-img\300\4047\4047_02.JPG

Description: This photo was taken looking southwest towards the north door of the 3506A Building. The site is visible between the two pieces of wood.

Waste Site Reclassification Form

Date Submitted: 10/15/1998 Originator: Brian Dixon, G3-26 Phone: (509) 376-7053	Operable Unit(s): 300-FF-2 Waste Site ID: 300-116 Type of Reclassification Action: Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	Control Number: 98-114
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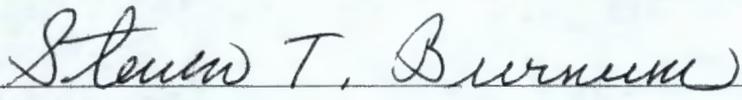
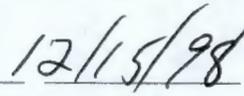
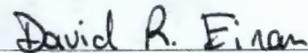
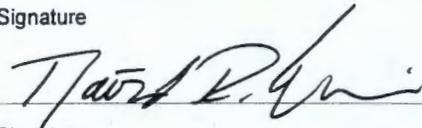
This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a french drain that is covered by a 0.48 meter (1.57 foot) by 0.48 meter (1.57 foot) metal lid. This french drain appears to be constructed of concrete. The top is slightly depressed relative to the surrounding gravel. A pipe from the overhead steam line enters the ground nearby. The pipe is labeled "HPD-TRP-057." According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #381.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, lists the source as abandoned. This stream was "eliminated" in 6/98. This site received steam condensate only. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

		12/15/98
DOE Project Manager	Signature	Date
		12/15/98
EPA Project Manager	Signature	Date

Responsible**Contractor/Subcontractor:** DYN - Dyncorp Tri-Cities Services, Inc.**Site Evaluation****Solid Waste Management Unit:** Yes**TPA Waste Management Unit Type:****Permitting**

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No

Air Operating Permit Number(s):**Tri-Party Agreement****Lead Regulatory Agency:** EPA**Unit Category:** 216/218**TPA Appendix:****Remediation and Closure****Decision Document:****Decision Document Status:****Remediation Design Group:****Closure Document:****Closure Type:****Post Closure Requirements:****Residual Waste:****Waste Information:****Type:** Steam Condensate**Category:** Nondangerous/nonradioactive**Physical State:** Liquid**Description:** When the site was active, it received less than 0.038 liters per minute (0.01 gallons per minute) of steam condensate only.**References:** 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.**Field Work:****Type:** Site Walkdown**Begin Date:** 10/14/1998**Field Crew:** K.A. Prosser**End Date:** 10/14/1998**Purpose:** to verify site location and conditions**Site Cover:** Gravel or Rock

Site Cover:

Site Accessible:	Yes	Site Found:	Yes
Soil Discoloration:	No	Debris Visible:	No
Soil Texture:	Gravel (>50%, <1 inch)		
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.		

Images:

Date Taken: 10/14/98
Pathname: \\bhi002\esd-img\300\4048\4048_01.JPG
Description: This is a close-up of stream #382 from the east.

Date Taken: 10/14/98
Pathname: \\bhi002\esd-img\300\4048\4048_02.JPG
Description: This is a close-up of stream #382 from the north.

Date Taken: 10/14/98
Pathname: \\bhi002\esd-img\300\4048\4048_03.JPG
Description: This is another view of the west lid.

Date Taken: 10/14/98
Pathname: \\bhi002\esd-img\300\4048\4048_04.JPG
Description: This digital photo was taken looking south towards the northeast corner of the 3506A Building.

Waste Site Reclassification Form

Date Submitted: 10/15/1998	Operable Unit(s): 300-FF-2	Control Number: 98-115
Originator: Brian Dixon, G3-26	Waste Site ID: 300-117	
Phone: (509) 376-7053	Type of Reclassification Action:	
	Rejected <input checked="" type="radio"/>	
	Closed-Out <input type="radio"/>	
	No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

Description of current waste site condition:

The site is a french drain that is constructed of concrete. The top of the drain is flush with the ground surface and is covered by two metal lids. Both lids are labeled "Confined Space." The west lid has a label saying "U-58." The east lid had "U58" written on it. A vertical, metal pipe, 0.1 meters (0.3 feet) in diameter, extends 0.24 meter (0.79 foot) from the west lid. This metal pipe appears to be a vent. It does not appear to extend into the cavity of the french drain. Two pipes from the overhead steam line enter the ground nearby. This site is surrounded by gravel and a metal safety barricade. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned. The site is listed in the "Inventory of Miscellaneous Streams," Revision 3, as stream #382.

Basis for reclassification:

The "Inventory of Miscellaneous Streams," Revision 3, lists the source as abandoned. This stream was "eliminated" in 6/98. This site received steam condensate only. When the site was active, the flow rate was less than 0.038 liters per minute (0.01 gallons per minute). Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Stewart T. Burnum

DOE Project Manager

Signature

12/15/98

Date

Ecology Project Manager

Signature

Date

David R Einar

EPA Project Manager

Signature

Date

David R. Einar

12/15/98

Waste Information Data System

General Summary Report

3/2/1999

Site Code: 300-118

Site Reclassification Status: Rejected

Page 1

Site Names: 300-118, 3621D Building Steam Condensate, Miscellaneous Stream #700, Pit U-7.

Site Type: Valve Pit

Start Date:

Status: Inactive

End Date:

1998

Operable Unit: 300-FF-2

Coordinates:

Hanford Area: 300

(E) 594336

(N) 115681.617

Washington State Plane

Site Description: The site is a valve pit with a dirt floor. Steam condensate was discharged onto the floor of the pit. The pit has a square concrete base. It is at the bottom of a slope so the top of the concrete base ranges from 21 to 35 centimeters (8.3 to 13.8 inches) above the ground surface. The valve pit is covered by an inset, square metal lid that is 0.81 meters (2.66 feet) by 0.81 meters (2.66 feet). The lid is labeled "Confined Space" and "U-7." Three valves are visible nearby (MSS-V-337, MSS-V-030 and HPD-V-3041A). Two pipes approximately 3.5 centimeters (1.4 inches) in diameter extend from the concrete base, one on the south side and one on the west side. These two pipes then make a 90 degree turn and enter the ground. During the site walkdown, a ladder, pipes and valves were visible inside the drain. Condensation was visible on the bottom of the lid and moisture was visible on the pipes and valves inside the pit and closest to the lid. At least three valves and five pipes were observed inside the structure. Also visible was an underground area that opens up to the east of the inlet. According to the "Inventory of Miscellaneous Streams," Revision 3, the site is inactive, source abandoned.

Location Description: The site is southwest of the northwest corner of the 3621D Building. It is outside the fence that surrounds the building. The 3621D building is located southeast of the intersection of Locust Street and George Washington Way.

Process Description: Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site is related to the 300 Area Condensate Return System.

Site Comment: The "Inventory of Miscellaneous Streams," Revision 3, states that the site received steam condensate from leaking valves. The steam source has been shut off and this stream was "Eliminated" in 6/98.

During the review process, the question was raised about the moisture. If the site is inactive, what was the source of the moisture. DynCorp responded with the following comment. The steam valve pit has moisture present due to rain water leaking through the valve pit lid. The steam valve pit is inactive.

- References:**
1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.
 2. 5/96, 300 Area S&WUO PIT DEVELOPMENT P & ID, H-3-60706, Sht 13, Rev 2.
 3. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.
 4. 5/2/96, 300 AREA CONDENSATE RETURN SITE PLAN, H-3-60706, Sht 5, Rev 3.

Site Hazards:

Hazard Type:	Physical	Status:	Verified	Date: 10/16/98
Description:	Confined Space			
References:	1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.			

Dimensions:

Length:	0.81 Meters	2.66 Feet
Width:	0.81 Meters	2.66 Feet

Site Shape: Square
Comment: These measurements are for the lid.
References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Regulatory Information:**Programmatic Responsibility**

DOE Program: EM-70 **Confirmed By Program:** Yes
DOE Division: SID - Site Infrastructure Division
Responsible Contractor/Subcontractor: DYN - Dyncorp Tri-Cities Services, Inc.

Site Evaluation

Solid Waste Management Unit: Yes
TPA Waste Management Unit Type:

Permitting

RCRA Part A Permit: No	216/218 Permit: No
RCRA Part B Permit: No	NPDES: No
Closure Plan: No	State Waste Discharge Permit: No
TSD Number:	Septic Permit: No
Air Operating Permit: No	Inert Landfill: No
Air Operating Permit Number(s):	

Tri-Party Agreement

Lead Regulatory Agency: EPA
Unit Category: 216/218
TPA Appendix:

Remediation and Closure

Decision Document:
Decision Document Status:
Remediation Design Group:
Closure Document:
Closure Type:
Post Closure Requirements:

Residual Waste:**Waste Information:**

Type: Steam Condensate
Category: Nondangerous/nonradioactive
Physical State: Liquid
Description: When the site was active, it received less than 0.38 liters per minute (0.1 gallons per minute) of steam condensate only.

References: 1. 9/30/98, Inventory of Miscellaneous Streams, DOE/RL-95-82, Rev 3.

Field Work:

Type: Site Walkdown
Begin Date: 10/16/1998 **Field Crew:** K.A. Prosser
End Date: 10/16/1998
Purpose: to verify site location and conditions
Comment: The site was surrounded by sand and rocks.
Site Cover: Bare Soil
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No
Soil Texture: Sand (>50%)

References: 1. K. A. Prosser, 6/20/97, Field Logbook, EL-1388.

Type: Site Walkdown
Begin Date: 10/19/1998 **Field Crew:** K.A. Prosser
End Date: 10/19/1998
Purpose: to verify site location and conditions
Comment: Made a return visit to reexamine the interior of the site.
Site Cover: Bare Soil
Site Accessible: Yes **Site Found:** Yes
Soil Discoloration: No **Debris Visible:** No
Soil Texture: Sand (>50%)

References:

Images:

Date Taken: 10/16/98
Pathname: \\bhi002\esd-img\300\4049\4049_01.JPG
Description: This is a close-up of stream #700.
Date Taken: 10/16/98
Pathname: \\bhi002\esd-img\300\4049\4049_02.JPG
Description: This photo was taken looking east towards the northwest corner of 3621D.
Date Taken: 10/19/98
Pathname: \\bhi002\esd-img\300\4049\4049_03.JPG
Description: This photo was taken looking inside the structure.