Historical Site Assessment of Area IV Santa Susana Field Laboratory Ventura County, California

Volume 2 - Area IV Site Summaries



Prepared by Sapere Consulting, Inc. and The Boeing Company for the Department of Energy Under Contract DE-AC03-99SF21530

May 2005

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Group C

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Includes Building 4784, Substation

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Includes Building 4762, Substation

Building 4066

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Includes 4757, Substation

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Site 4875

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Reference List

List of References used for each site

Appendix A – Acronyms and Abbreviations

Appendix B – Units

Appendix C – Industrial Planning Maps

Volume Two Organization

Volume 2 consists of all the site summaries developed for Area IV. An individual site summary was developed for each site within Area IV. Site summaries provide operational history, current status and other available information (e.g., radiological surveys, decontamination and demolition reports, industrial planning maps, aerial photographs, etc.) relevant to each site. Site summaries were developed using all available information related to Area IV available from Boeing. This consists of archived information from the Radiation Safety Records Management System (RSRMS), personnel interviews and any relevant published material (e.g., DOE reports). Figure 1 is an example site summary.

The site summaries were grouped geographically for organizational purposes. Figure 2 depicts the locations of these groupings. Table 1 is a crosswalk that can be used to determine the grouping assigned to a specific site. Individual maps and table of contents have been included with each site summary group.

References and personnel interviews used to develop each site summaries are listed in each site summary and are compiled in the Volume 2 Reference List.

Appendix A is a list of all the acronyms and abbreviations used in the site summaries. Appendix B is a list of all units used in the site summaries. Appendix C is the historical industrial planning maps used to determine locations of sites.

Figure 1. Site Summary Organization

Site Summary – Site 4XXX

Site Identification:

Any name the used for the site (site purpose and association changed over time, resulting in several
different names). Additional support structures used to service the building not warranting an
individual site summary (i.e., substations, guard shacks, timeclock structures, and construction
shacks) are identified here.

Operational Use/History:

• The date the building was constructed, programs the building supported, dates these programs were operating, deactivation/decontamination activities, and demolition date.

Site Description:

• A physical description of the site and any holding tanks or other below ground structures, leachfield, or air filter structure (stacks, HEPA filtration) associated with the building.

Relevant Site Information:

• Type of radiological material managed at the site, use authorizations, and any incidents that would have resulted in potential releases to the environment.

Radiological Surveys:

Radiological surveys performed at the site, description of survey purpose (routine, characterization, final status, verification), date conducted, agency conducting the survey, survey scope (i.e., interior, exterior), measurements collected, acceptable limits for the survey, and survey results.

Status:

• Site release date and releasing agency (if applicable), and demolition date or current use.

References:

• Documents, maps, photographs, personnel interviews, review of Radiation Safety Records Management System, or any other information used to develop the site summary.

Photograph:

If a photograph of the site was available, it was included in the site summary

Table 1.Site Crosswalk

Site	Group	Group Reference Grid
17th St. Drainage Area	Q	F-8
4001	Not Built	
4003	G	B-8, B-9
4005	0	D-7
4006	0	D-7
4007	Q	E-7
4008	Q	E-7
4009	CC	F-4
4010	L	D-6
4011	R	F-7
4012	L	D-6
4013	L	D-6
4014	Е	C-9, C-10
4015	W	G-6
4019	L	D-6
4020	AA	G-5
4021	I	C-7
4022	I	C-7
4023	J	D-7, D-8

Site	Group	Group Reference Grid
4024	J	D-7, D-8
4025	J	D-7, D-8
4026	P	D-6, D-7
4027	J	D-7, D-8
4028	K	C-7
4029	Е	D-10
4030	Е	C-9, C-10
4032	J	D-7, D-8
4033 (Included in 4053)	Е	C-9, C-10
4034	I	C-7
4035 (Included in 4030)	Е	C-9, C-10
4036	J	D-7, D-8
4037	J	D-7, D-8
4038	V	E-6
4039	V	E-6
4040	D	C-10
4041	G	B-8, B-9
4042	J	D-7, D-8
4043 (Included in 4053)	Е	C-9, C-10
4044	I	C-7

Site	Group	Group Reference Grid
4046	Е	C-9, C-10
4048	N	D-8
4049	N	D-8
4052	Not Built	
4053	Е	C-9, C-10
4055	X	G-6
4056 Landfill	V	E-5
4057	V	E-6
4059	M	D-6
4062	U	E-6
4063	F	B-9
4064	Е	C-9, C-10
4065	U	E-6
4066	U	E-6
4073	Н	C-8, C-9
4074	Н	C-8, C-9
4075	I	C-7
4083	Н	C-8, C-9
4093	Н	C-8, C-9
4100	BB	F-5

Site	Group	Group Reference Grid
4100 Trench (Included in 4100)	BB	F-5
4103 (Included in 4083)	Н	C-8, C-9
4113 (Included in 4511)	A	B-11
4114	A	B-11
4123	Н	C-8, C-9
4133	G	B-8, B-9
4143	G	B-8, B-9
4153	G	B-8, B-9
4155 (Included in 4055)	X	G-6
4163	G	B-8, B-9
4171	R	F-7
4172	R	F-7
4173	Y	H-5
4183	G	B-8, B-9
4184	G	B-8, B-9
4185	G	B-8, B-9
4226	P	D-6, D-7
4228	L	D-6
4273	F	B-9
4283	F	B-9

Site	Group	Group Reference Grid
4293	P	D-6, D-7
4310	P, L	D-6, D-7
4313 (Included in the OCY)	A	B-11
4314 (Included in 4814)	DD	G-3
4316 (Included in 4273)	F	B-9
4317	DD	G-3
4318	DD	G-3
4320	С	A-10, A-11
4323 (Included in 4020)	AA	G-5
4333 (Included in 4513)	Е	C-9, C-10
4334	P	D-6, D-7
4335	P	D-6, D-7
4343 (Included in 4573)	W	G-6
4353	Z	G-6
4354	P	D-6, D-7
4355	P	D-6, D-7
4356	P	D-6, D-7
4357	P	D-6, D-7
4358	P	D-6, D-7
4359	P	D-6, D-7

Site	Group	Group Reference Grid
4360	P	D-6, D-7
4361	P	D-6, D-7
4362	P	D-6, D-7
4363	Y	G-6
4373	W	G-6
4374	W	G-6
4375	Y	G-6
4383	S	F-6
4392	P	D-6, D-7
4393 (Included in 4383)	S	F-6
4402	О	D-7
4403 (Included in 4011)	R	F-7
4413 (Included in 4013)	L	D-6
4425	DD	G-3
4426 (Included in 4026)	P	D-6, D-7
4453	Н	C-8, C-9
4457	P	D-6, D-7
4459	M	D-6
4461	Т	F-6
4462	Т	F-6

Site	Group	Group Reference Grid
4463	Т	F-6
4468	AA	G-5
4473	Y	G-6
4478	P	D-6, D-7
4482	S	F-6
4483	S	F-6
4484	S	F-6
4485	S	F-6
4486	S	F-6
4487	S	F-6
4500	R	F-7
4501	Q	E-7
4502	P	D-6, D-7
4504	K	C-7
4505	G	B-8, B-9
4506	О	D-7
4509	CC	F-4
4510	ВВ	F-5
4511	A	B-11
4513	Е	C-9, C-10

Site	Group	Group Reference Grid
4514 (Included in 4814)	DD	G-3
4520	AA	G-5
4521	R	F-7
4523	Н	C-8, C-9
4524	J	D-7, D-8
4535	Е	C-9, C-10
4536	J	D-7, D-8
4537	J	D-7, D-8
4538	S	F-6
4540	D	C-10
4553	Z	G-6
4563	I	C-7
4573	W	G-6
4575	Y	G-6
4583-New Salvage Yard	В	C-11
4583-Old ESG Storage Yard	С	A-10, A-11
4606	О	D-7
4607	О	D-7
4611	R	F-7
4612	R	F-7

Site	Group	Group Reference Grid
4614	I	C-7
4615	0	D-7
4616 (Included in 4006)	0	D-7
4621	I	C-7
4622	I	C-7
4623 (Included in 4511)	A	B-11
4624 (Included in 4040)	D	C-10
4625	J	D-7, D-8
4626	V	E-6
4633	Н	C-8, C-9
4636 (Included in 4536)	J	D-7, D-8
4638	Not Built	
4639	Not Built	
4640	Not Built	
4641	Е	C-9, C-10
4643	Н	C-8, C-9
4653	G	B-8, B-9
4654	G	B-8, B-9
4656 (Included in 4356)	P	D-6, D-7
4657 (Included in 4502)	P	D-6, D-7

Site	Group	Group Reference Grid
4658	I	C-7
4662	T	F-6
4663	I	C-7
4664	I	C-7
4665	I	C-7
4683 (Included in 4143)	G	B-8, B-9
4684	G	B-8, B-9
4686	G	B-8, B-9
4687	G	B-8, B-9
4688	I	C-7
4689	G	B-8, B-9
4693 (Included in 4003)	G	B-8, B-9
4695	G	B-8, B-9
4701	FF	J-4
4702	FF	J-4
4703	G	B-8, B-9
4704	0	D-7
4705 (Included in 4005)	0	D-7
4706 (Included in 4006)	0	D-7
4707 (Included in 4015)	W	G-6

Site	Group	Group Reference Grid
4708 (Included in 4228)	L	D-6
4709 (Included in 4009)	CC	F-4
4710 (Included in 4228)	L, CC	D-6
4711 (Included in 4011)	R	F-7
4713 (Included in 4012, 4013)	L	D-6
4714	G, O	B-8, B-9
4719 (Included in 4019)	L	D-6
4720 (Included in 4020)	AA	G-5
4723	G	B-8, B-9
4724	G	B-8, B-9
4725 (Included in Building 4024, 4025)	J	D-7, D-8
4726 (Included in 4026)	P	D-6, D-7
4727 (Included in Building 4027, 4032, 4036, 4037)	J	D-7, D-8
4730	DD	G-3
4731	С	A-10, A-11
4732	С	A-10, A-11
4733	G	B-8, B-9
4735	R	F-7
4742 (Included in Building 4042)	J	D-7, D-8

Site	Group	Group Reference Grid
4743	G	B-8, B-9
4753	G	B-8, B-9
4755 (Included in 4055)	X	G-6
4756 (Included in 4355)	P	D-6, D-7
4757 (Included in 4038, 4057)	V	E-6
4759 (Included in 4059)	M	D-6
4760 (Included in 4462)	Т	F-6
4762 (Included in 4062, 4065, 4066)	U	E-6
4763 (Included in 4063)	F	B-9
4773	G	B-8, B-9
4780 (Included in 4463)	Т	F-6
4783 (Included in 4014)	Е	C-9, C-10
4784 (Included in 4482, 4483, 4484, 4485, 4486)	S	F-6
4793	H, N	C-8, C-9
4800 (Included in 4100)	BB	F-5
4805 (Included in 4026)	P	D-6, D-7
4806 (Included in 4502)	P, U	D-6, D-7
4807 (Included in 4010, 4228)	L	D-6
4808 (Included in 4010, 4228)	L	D-6

Site	Group	Group Reference Grid
4809 (Included in 4010, 4228)	L	D-6
4810	Not Built	
4811 (Included in 4028)	K	C-7
4814	DD	G-3
4816 (Included in 4606)	О	D-7
4820	DD	G-3
4823 (Included in 4013)	L,Q	D-6
4826	P	D-6, D-7
4836 (Included in 4536)	J	D-7, D-8
4848 (Included in 4373)	W	G-6
4853 (Included in 4353)	Z	G-6
4854	Z	G-6
4863	Y	G-6
4864 (Included in 4064)	E	C-9, C-10
4865 (Included in 4173)	Y	D-10
4873	Y	G-6
4874	Y	G-6
4875	Y	G-6
4883 (Included in 4383)	S	F-6
4885	EE	G-3

Site	Group	Group Reference Grid
4886	EE	G-3
4893 (Included in 4093)	Н	C-8, C-9
4894 (Included in 4143)	G	B-8, B-9
4895 (Included in 4143)	G	B-8, B-9
4896 (Included in 4143)	G	B-8, B-9
4897 (Included in 4143)	G	B-8, B-9
4898 (Included in 4143)	G	B-8, B-9
4924 (Included in 4025)	J	D-7, D-8
4925 (Included in 4025)	J	D-7, D-8
4926 (Included in 4025)	J	D-7, D-8
4927	J	D-7, D-8
4928 (Included in 4024)	J	D-7, D-8
4XXX (Included in 4030 and 4641)	Е	C-9, C-10
4XXX (Included in 4228)	L	D-6
Old Conservation Yard (OCY)	A	B-11