

LAUNCH OPERATIONS AND SUPPORT CONTRACT (LO&SC)

WASTE WATER DISCHARGE MONITORING REPORT (JULY-DECEMBER 2004)

Contract Number: F04684-98-C-0014
CDRL Item Number: A013
Date Submitted: 10 January 2005



**South Vandenberg Power Plant
Waste Water Discharge Monitoring Report (AO13)
Month of July 2004**

Date	<u>Washdown Sump # 1</u>			<u>Washdown Sump # 2</u>			Total Daily Discharge
	Meter Reading	Discharge	PH Reading	Meter Reading	Discharge	PH Reading	
	8602052			17443715			
1-Jul-04	8607471	5419		17443715			5419
2-Jul-04	8614589	7118		17443715	0		7118
3-Jul-04	8621789	7200		17443715	0		7200
4-Jul-04	8621789	0		17443715	0		0
5-Jul-04	8621789	0		17444180	465		465
6-Jul-04	8635090	13301		17444180	0		13301
7-Jul-04	8636794	1704		17444180	0		1704
8-Jul-04	8638070	1276		17444180	0		1276
9-Jul-04	8640439	2369		17444180	0		2369
10-Jul-04	8640439	0		17444180	0		0
11-Jul-04	8640439	0		17444180	0		0
12-Jul-04	8647141	6702		17444180	0		6702
13-Jul-04	8647141	0		17444180	0		0
14-Jul-04	8647141	0		17444180	0		0
15-Jul-04	8647141	0		17444180	0		0
16-Jul-04	8656212	9071		17444180	0		9071
17-Jul-04	8656212	0		17444180	0		0
18-Jul-04	8656212	0		17445990	1810		1810
19-Jul-04	8661340	5128		17446085	95		5223
20-Jul-04	8662854	1514		17446085	0		1514
21-Jul-04	8664628	1774		17446085	0		1774
22-Jul-04	8666319	1691		17446085	0		1691
23-Jul-04	8666319	0		17446085	0		0
24-Jul-04	8666319	0		17446085	0		0
25-Jul-04	8666319	0		17446085	0		0
26-Jul-04	8670561	4242		17446085	0		4242
27-Jul-04	8674534	3973		17446085	0		3973
28-Jul-04	8678546	4012		17446085	0		4012
29-Jul-04	8683904	5358		17446085	0		5358
30-Jul-04	8687948	4044		17446085	0		4044
31-Jul-04	8687948	0		17446085	0		0
Total Discharge Sump #1			85896	Average PH Level Sump #1			0.0
Total Discharge Sump #2			2370	Average PH Level Sump #2			0.0
Total Monthly Discharge			88266				

Freeboard Level
 Week # 1 48"
 Week # 2 48"
 Week # 3 48"
 Week # 4 48"
 Week # 5 48"

**South Vandenberg Power Plant
Waste Water Discharge Monitoring Report
Month of August 2004**

Date	<u>Washdown Sump # 1</u>			<u>Washdown Sump # 2</u>			Total Daily Discharge
	Meter Reading	Discharge	PH Reading	Meter Reading	Discharge	PH Reading	
1-Aug-04	8687948	0		17446085	0		0
2-Aug-04	8687948	0		17446085	0		0
3-Aug-04	8707726	19778		17446085	0		19778
4-Aug-04	8711258	3532		17446085	0		3532
5-Aug-04	8714636	3378		17446085	0		3378
6-Aug-04	8719222	4586		17449022	2937		7523
7-Aug-04	8719222	0		17449022	0		0
8-Aug-04	8719222	0		17449022	0		0
9-Aug-04	8735125	15903		17449022	0		15903
10-Aug-04	8738149	3024		17449540	518		3542
11-Aug-04	8739915	1766		17457880	8340		10106
12-Aug-04	8740538	623		17464028	6148		6771
13-Aug-04	8746735	6197		17470986	6958		13155
14-Aug-04	8746735	0		17470986	0		0
15-Aug-04	8746735	0		17470986	0		0
16-Aug-04	8761115	14380		17470986	0		14380
17-Aug-04	8765575	4460		17470986	0		4460
18-Aug-04	8770838	5263		17470986	0		5263
19-Aug-04	8777662	6824		17470986	0		6824
20-Aug-04	8782788	5126		17470986	0		5126
21-Aug-04	8782788	0		17470986	0		0
22-Aug-04	8782788	0		17470986	0		0
23-Aug-04	8799505	16717		17470986	0		16717
24-Aug-04	8806641	7136		17474459	3473		10609
25-Aug-04	8814665	8024		17474459	0		8024
26-Aug-04	8821209	6544		17474459	0		6544
27-Aug-04	8827570	6361		17474459	0		6361
28-Aug-04	8827570	0		17474459	0		0
29-Aug-04	8827570	0		17474459	0		0
30-Aug-04	8830150	2580		17474840	381		2961
31-Aug-04	8831548	1398		17474840	0		1398

Total Discharge Sump #1	143600	Average PH Level Sump #1	0.0
Total Discharge Sump #2	28755	Average PH Level Sump #2	0.0

Total Monthly Discharge 172355

Freeboard Level

Week # 1 48"
 Week # 2 48"
 Week # 3 48"
 Week # 4 48"
 Week # 5 48"

**South Vandenberg Power Plant
Waste Water Discharge Monitoring Report (AO13)
Month of September 2004**

Date	<u>Washdown Sump # 1</u>			<u>Washdown Sump # 2</u>			Total Daily Discharge
	Meter Reading	Discharge	PH Reading	Meter Reading	Discharge	PH Reading	
1-Sep-04	8831548	0		17474840	0		0
2-Sep-04	8831548	0		17474840	0		0
3-Sep-04	8834100	2552		17474840	0		2552
4-Sep-04	8834100	0		17474840	0		0
5-Sep-04	8834100	0		17474840	0		0
6-Sep-04	8834100	0		17474840	0		0
7-Sep-04	8839494	5394		17474840	0		5394
8-Sep-04	8841118	1624		17474840	0		1624
9-Sep-04	8842344	1226		17480488	5648		6874
10-Sep-04	8843569	1225		17480488	0		1225
11-Sep-04	8843569	0		17480488	0		0
12-Sep-04	8843569	0		17480488	0		0
13-Sep-04	8847890	4321		17481544	1056		5377
14-Sep-04	8848376	486		17481544	0		486
15-Sep-04	8850085	1709		17485632	4088		5797
16-Sep-04	8850085	0		17485632	0		0
17-Sep-04	8852643	2558		17490153	4521		7079
18-Sep-04	8852643	0		17490153	0		0
19-Sep-04	8852643	0		17490153	0		0
20-Sep-04	8857198	4555		17490153	0		4555
21-Sep-04	8858107	909		17492492	2339		3248
22-Sep-04	8859404	1297		17492492	0		1297
23-Sep-04	8860956	1552		17492492	0		1552
24-Sep-04	8862498	1542		17492492	0		1542
25-Sep-04	8863842	1344		17492492	0		1344
26-Sep-04	8865103	1261		17492492	0		1261
27-Sep-04	8866505	1402		17492770	278		1680
28-Sep-04	8867882	1377		17492770	0		1377
29-Sep-04	8869388	1506		17492770	0		1506
30-Sep-04	8870726	1338		17492770	0		1338

Total Discharge Sump #1	39178	Average PH Level Sump #1	0.0
Total Discharge Sump #2	17930	Average PH Level Sump #2	0.0

Total Monthly Discharge 57108

Freeboard Level
 Week # 1 48"
 Week # 2 48"
 Week # 3 48"
 Week # 4 48"
 Week # 5 48"

**South Vandenberg Power Plant
Waste Water Discharge Monitoring Report (AO13)
Month of October 2004**

Date	Washdown Sump # 1			Washdown Sump # 2			Total Daily Discharge
	Meter Reading	Discharge	PH Reading	Meter Reading	Discharge	PH Reading	
1-Oct-04	8872072	1346		17492770	0		1346
2-Oct-04	8873315	1243		17492770	0		1243
3-Oct-04	8874828	1513		17492770	0		1513
4-Oct-04	8876595	1767		17492770	0		1767
5-Oct-04	8878148	1553		17495032	2262		3815
6-Oct-04	8879365	1217		17495032	0		1217
7-Oct-04	8880565	1200		17495032	0		1200
8-Oct-04	8882211	1646		17495032	0		1646
9-Oct-04	8883445	1234		17495032	0		1234
10-Oct-04	8884978	1533		17495032	0		1533
11-Oct-04	8886359	1381		17495032	0		1381
12-Oct-04	8887918	1559		17495032	0		1559
13-Oct-04	8888880	962		17495032	0		962
14-Oct-04	8890210	1330		17495032	0		1330
15-Oct-04	8891630	1420		17498680	3648		5068
16-Oct-04	8893020	1390		17500370	1690		3080
17-Oct-04	8894311	1291		17500370	0		1291
18-Oct-04	8896080	1769		17500370	0		1769
19-Oct-04	8897242	1162		17500370	0		1162
20-Oct-04	8898349	1107		17500754	384		1491
21-Oct-04	8899425	1076		17500754	0		1076
22-Oct-04	8901598	2173		17500754	0		2173
23-Oct-04	8902282	684		17500754	0		684
24-Oct-04	8903688	1406		17500754	0		1406
25-Oct-04	8905185	1497		17500754	0		1497
26-Oct-04	8906428	1243		17500754	0		1243
27-Oct-04	8907948	1520		17501273	519		2039
28-Oct-04	8909539	1591		17501273	0		1591
29-Oct-04	8910540	1001		17501273	0		1001
30-Oct-04	8910540	0		17501273	0		0
31-Oct-04	8910540	0		17501273	0		0

Total Discharge Sump #1	39814	Average PH Level Sump #1	0.0
Total Discharge Sump #2	8503	Average PH Level Sump #2	0.0

Total Monthly Discharge 48317

Freeboard Level

Week # 1 48"
Week # 2 48"
Week # 3 48"
Week # 4 48"
Week # 5 48"

**South Vandenberg Power Plant
Waste Water Discharge Monitoring Report (AO13)
Month of November 2004**

Date	Washdown Sump # 1			Washdown Sump # 2			Total Daily Discharge
	Meter Reading	Discharge	PH Reading	Meter Reading	Discharge	PH Reading	
1-Nov-04	8914888	4348		17502208	935		5283
2-Nov-04	8915455	567		17502208	0		567
3-Nov-04	8916900	1445		17502208	0		1445
4-Nov-04	8918142	1242		17502208	0		1242
5-Nov-04	8918142	0		17502208	0		0
6-Nov-04	8918142	0		17502208	0		0
7-Nov-04	8918142	0		17502208	0		0
8-Nov-04	8923548	5406		17502208	0		5406
9-Nov-04	8924990	1442		17502208	0		1442
10-Nov-04	8924990	0		17502208	0		0
11-Nov-04	8924990	0		17502208	0		0
12-Nov-04	8924990	0		17502208	0		0
13-Nov-04	8924990	0		17502208	0		0
14-Nov-04	8924990	0		17502208	0		0
15-Nov-04	8932682	7692		17502208	0		7692
16-Nov-04	8933932	1250		17511379	9171		10421
17-Nov-04	8934804	872		17511379	0		872
18-Nov-04	8936520	1716		17521506	10127		11843
19-Nov-04	8937979	1459		17523041	1535		2994
20-Nov-04	8937979	0		17523041	0		0
21-Nov-04	8937979	0		17523041	0		0
22-Nov-04	8942281	4302		17523041	0		4302
23-Nov-04	8943860	1579		17523041	0		1579
24-Nov-04	8944623	763		17523041	0		763
25-Nov-04	8944623	0		17523041	0		0
26-Nov-04	8944623	0		17523041	0		0
27-Nov-04	8944623	0		17523041	0		0
28-Nov-04	8944623	0		17523041	0		0
29-Nov-04	8953602	8979		17526856	3815		12794
30-Nov-04	8953602	0		17529938	3082		3082

Total Discharge Sump #1	43062	Average PH Level Sump #1	0.0
Total Discharge Sump #2	28665	Average PH Level Sump #2	0.0

Total Monthly Discharge 71727

Freeboard Level
Week # 1 48"
Week # 2 48"
Week # 3 48"
Week # 4 48"
Week # 5 48"

**South Vandenberg Power Plant
Waste Water Discharge Monitoring Report (AO13)
Month of December 2004**

Date	<u>Washdown Sump # 1</u>			<u>Washdown Sump # 2</u>			Total Daily Discharge
	Meter Reading	Discharge	PH Reading	Meter Reading	Discharge	PH Reading	
1-Dec-04	8957323	3721		17533195	3257		6978
2-Dec-04	8957323	0		17533195	0		0
3-Dec-04	8957323	0		17533195	0		0
4-Dec-04	8957323	0		17533195	0		0
5-Dec-04	8957323	0		17533195	0		0
6-Dec-04	8964751	7428		17533195	0		7428
7-Dec-04	8966538	1787		17533195	0		1787
8-Dec-04	8968333	1795		17533195	0		1795
9-Dec-04	8968333	0		17533195	0		0
10-Dec-04	8968333	0		17533195	0		0
11-Dec-04	8968333	0		17533195	0		0
12-Dec-04	8968333	0		17533195	0		0
13-Dec-04	8975658	7325		17533195	0		7325
14-Dec-04	8976938	1280		17533195	0		1280
15-Dec-04	8978410	1472		17533195	0		1472
16-Dec-04	8979851	1441		17535825	2630		4071
17-Dec-04	8979851	0		17535825	0		0
18-Dec-04	8979851	0		17535825	0		0
19-Dec-04	8979851	0		17535825	0		0
20-Dec-04	8985455	5604		17535825	0		5604
21-Dec-04	8987322	1867		17535825	0		1867
22-Dec-04	8988282	960		17535825	0		960
23-Dec-04	8988282	0		17535825	0		0
24-Dec-04	8988282	0		17535825	0		0
25-Dec-04	8988282	0		17535825	0		0
26-Dec-04	8988282	0		17535825	0		0
27-Dec-04	8988282	0		17535825	0		0
28-Dec-04	8997040	8758		17536870	1045		9803
29-Dec-04	8998460	1420		17536870	0		1420
30-Dec-04	9000048	1588		17536870	0		1588
31-Dec-04	9000048	0		17536870	0		0
Total Discharge Sump #1			46446	Average PH Level Sump #1			0.0
Total Discharge Sump #2			6932	Average PH Level Sump #2			0.0
Total Monthly Discharge			53378				

Freeboard Level

Week # 1 48"
Week # 2 48"
Week # 3 48"
Week # 4 48"
Week # 5 48"

Merl Powell
Chief, Stationary Engineer (5-3929)