

# **LAUNCH OPERATIONS AND SUPPORT CONTRACT (LO&SC)**

## **WASTE WATER DISCHARGE MONITORING REPORT (JANUARY-JUNE 2004)**

Contract Number: F04684-98-C-0014  
CDRL Item Number: A013  
Date Submitted: 7 July 2004



**South Vandenberg Power Plant  
Waste Water Discharge Monitoring Report (CDRL A013)  
Month of January 2004**

Date	<u>Washdown Sump # 1</u>		<u>Washdown Sump # 2</u>		Total Daily Discharge
	Meter Reading	Discharge	Meter Reading	Discharge	
1-Jan-04	8365425	0	17346328	0	0
2-Jan-04	8368068	2643	17350277	3949	6592
3-Jan-04	8368068	0	17350277	0	0
4-Jan-04	8368068	0	17350277	0	0
5-Jan-04	8372161	4093	17350277	0	4093
6-Jan-04	8373443	1282	17350277	0	1282
7-Jan-04	8375096	1653	17350277	0	1653
8-Jan-04	8376344	1248	17350277	0	1248
9-Jan-04	8377939	1595	17350969	692	2287
10-Jan-04	8377939	0	17350969	0	0
11-Jan-04	8377939	0	17350969	0	0
12-Jan-04	8381919	3980	17350969	0	3980
13-Jan-04	8382460	541	17350969	0	541
14-Jan-04	8384672	2212	17352123	1154	3366
15-Jan-04	8386144	1472	17352123	0	1472
16-Jan-04	8387541	1397	17352123	0	1397
17-Jan-04	8387541	0	17352123	0	0
18-Jan-04	8387541	0	17352123	0	0
19-Jan-04	8387541	0	17352123	0	0
20-Jan-04	8393625	6084	17352123	0	6084
21-Jan-04	8394846	1221	17352123	0	1221
22-Jan-04	8396247	1401	17352123	0	1401
23-Jan-04	8397511	1264	17352123	0	1264
24-Jan-04	8397511	0	17352123	0	0
25-Jan-04	8397511	0	17352123	0	0
26-Jan-04	8398795	1284	17352899	776	2060
27-Jan-04	8399927	1132	17352899	0	1132
28-Jan-04	8401318	1391	17352899	0	1391
29-Jan-04	8402565	1247	17352899	0	1247
30-Jan-04	8403671	1106	17352899	0	1106
31-Jan-04	8403671	0	17352899	0	0

Total Discharge Sump #1                    38246  
Total Discharge Sump #2                    6571

Total Monthly Discharge                    44817

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 (CDRL A013)  
Month of February 2004**

Date	<u>Washdown Sump # 1</u>		<u>Washdown Sump # 2</u>		Total Daily Discharge
	Meter Reading	Discharge	Meter Reading	Discharge	
1-Feb-04	8403671	0	17352899	0	0
2-Feb-04	8407911	4240	17352899	0	4240
3-Feb-04	8409271	1360	17352899	0	1360
4-Feb-04	8410649	1378	17357672	4773	6151
5-Feb-04	8411964	1315	17359856	2184	3499
6-Feb-04	8413425	1461	17359856	0	1461
7-Feb-04	8413425	0	17359856	0	0
8-Feb-04	8413425	0	17359856	0	0
9-Feb-04	8417276	3851	17359856	0	3851
10-Feb-04	8418640	1364	17360579	723	2087
11-Feb-04	8421575	2935	17360579	0	2935
12-Feb-04	8423648	2073	17360579	0	2073
13-Feb-04	8423951	303	17360579	0	303
14-Feb-04	8423951	0	17360579	0	0
15-Feb-04	8423951	0	17360579	0	0
16-Feb-04	8423951	0	17360579	0	0
17-Feb-04	8424326	375	17360579	0	375
18-Feb-04	8425318	992	17360579	0	992
19-Feb-04	8426319	1001	17361085	506	1507
20-Feb-04	8427410	1091	17361085	0	1091
21-Feb-04	8427410	0	17361085	0	0
22-Feb-04	8427410	0	17361085	0	0
23-Feb-04	8430718	3308	17361085	0	3308
24-Feb-04	8431618	900	17361085	0	900
25-Feb-04	8433859	2241	17361085	0	2241
26-Feb-04	8435848	1989	17361085	0	1989
27-Feb-04	8438482	2634	17361085	0	2634
28-Feb-04	8438482	0	17361085	0	0
29-Feb-04	8438482	0	17361085	0	0

Total Discharge Sump #1                    34811  
Total Discharge Sump #2                    8186

Total Monthly Discharge                    42997

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 (CDRL A013)  
Month of March 2004**

Date	<u>Washdown Sump # 1</u>		<u>Washdown Sump # 2</u>		Total Daily Discharge
	Meter Reading	Discharge	Meter Reading	Discharge	
1-Mar-04	8441737	3255	17361085	0	3255
2-Mar-04	8442451	714	17361085	0	714
3-Mar-04	8444251	1800	17361085	0	1800
4-Mar-04	8444952	701	17363430	2345	3046
5-Mar-04	8445954	1002	17363430	0	1002
6-Mar-04	8445954	0	17363430	0	0
7-Mar-04	8445954	0	17363430	0	0
8-Mar-04	8449031	3077	17363430	0	3077
9-Mar-04	8450179	1148	17388233	24803	25951
10-Mar-04	8451193	1014	17399330	11097	12111
11-Mar-04	8452262	1069	17399330	0	1069
12-Mar-04	8453401	1139	17399330	0	1139
13-Mar-04	8453401	0	17399330	0	0
14-Mar-04	8453401	0	17399330	0	0
15-Mar-04	8456929	3528	17399330	0	3528
16-Mar-04	8458991	2062	17399330	0	2062
17-Mar-04	8459030	39	17400080	750	789
18-Mar-04	8460056	1026	17400552	472	1498
19-Mar-04	8461032	976	17400552	0	976
20-Mar-04	8461032	0	17400552	0	0
21-Mar-04	8461032	0	17400552	0	0
22-Mar-04	8463807	2775	17400552	0	2775
23-Mar-04	8465120	1313	17400552	0	1313
24-Mar-04	8465893	773	17400552	0	773
25-Mar-04	8466220	327	17400552	0	327
26-Mar-04	8466635	415	17400552	0	415
27-Mar-04	8466635	0	17400552	0	0
28-Mar-04	8466635	0	17400552	0	0
29-Mar-04	8468195	1560	17400552	0	1560
30-Mar-04	8468995	800	17400552	0	800
31-Mar-04	8469765	770	17400552	0	770
Total Discharge Sump #1		31283			
Total Discharge Sump #2		39467			
Total Monthly Discharge		70750			
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 (CDRL A013)  
Month of April 2004**

Date	<u>Washdown Sump # 1</u>		<u>Washdown Sump # 2</u>		Total Daily Discharge
	Meter Reading	Discharge	Meter Reading	Discharge	
1-Apr-04	8469765	0	17400552	0	0
2-Apr-04	8469765	0	17401230	678	678
3-Apr-04	8469765	0	17401230	0	0
4-Apr-04	8469765	0	17401230	0	0
5-Apr-04	8470075	310	17401230	0	310
6-Apr-04	8471150	1075	17401230	0	1075
7-Apr-04	8471688	538	17401230	0	538
8-Apr-04	8472234	546	17401230	0	546
9-Apr-04	8472785	551	17403359	2129	2680
10-Apr-04	8472785	0	17403359	0	0
11-Apr-04	8472785	0	17403359	0	0
12-Apr-04	8473859	1074	17403359	0	1074
13-Apr-04	8474409	550	17408664	5305	5855
14-Apr-04	8474915	506	17408664	0	506
15-Apr-04	8475459	544	17408664	0	544
16-Apr-04	8476024	565	17409833	1169	1734
17-Apr-04	8476024	0	17409833	0	0
18-Apr-04	8476024	0	17409833	0	0
19-Apr-04	8477994	1970	17410251	418	2388
20-Apr-04	8478732	738	17410251	0	738
21-Apr-04	8479044	312	17410251	0	312
22-Apr-04	8479448	404	17410251	0	404
23-Apr-04	8480266	818	17410251	0	818
24-Apr-04	8480266	0	17410251	0	0
25-Apr-04	8480266	0	17410251	0	0
26-Apr-04	8481945	1679	17410251	0	1679
27-Apr-04	8482438	493	17412156	1905	2398
28-Apr-04	8483045	607	17412156	0	607
29-Apr-04	8483455	410	17412929	773	1183
30-Apr-04	8484185	730	17412929	0	730

Total Discharge Sump #1                   14420  
Total Discharge Sump #2                   12377

Total Monthly Discharge                   26797

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 (CDRL A013)  
Month of May 2004**

Date	<u>Washdown Sump # 1</u>		<u>Washdown Sump # 2</u>		Total Daily Discharge
	Meter Reading	Discharge	Meter Reading	Discharge	
1-May-04	8484185	0	17412929	0	0
2-May-04	8484185	0	17412929	0	0
3-May-04	8485026	841	17412929	0	841
4-May-04	8486270	1244	17412929	0	1244
5-May-04	8486859	589	17412929	0	589
6-May-04	8487376	517	17416403	3474	3991
7-May-04	8488285	909	17416849	446	1355
8-May-04	8488285	0	17416849	0	0
9-May-04	8488285	0	17416849	0	0
10-May-04	8489663	1378	17416849	0	1378
11-May-04	8490349	686	17416849	0	686
12-May-04	8490812	463	17416849	0	463
13-May-04	8491433	621	17416849	0	621
14-May-04	8491866	433	17416849	0	433
15-May-04	8491866	0	17416849	0	0
16-May-04	8491866	0	17416849	0	0
17-May-04	8494323	2457	17416849	0	2457
18-May-04	8495079	756	17416849	0	756
19-May-04	8495640	561	17416849	0	561
20-May-04	8496496	856	17417909	1060	1916
21-May-04	8497777	1281	17417909	0	1281
22-May-04	8497777	0	17417909	0	0
23-May-04	8497777	0	17417909	0	0
24-May-04	8502985	5208	17418582	673	5881
25-May-04	8504368	1383	17418582	0	1383
26-May-04	8506080	1712	17418582	0	1712
27-May-04	8507141	1061	17418582	0	1061
28-May-04	8508480	1339	17419470	888	2227
29-May-04	8508480	0	17419470	0	0
30-May-04	8508480	0	17419470	0	0
31-May-04	8508480	0	17419470	0	0

Total Discharge Sump #1                    24295  
Total Discharge Sump #2                    6541

Total Monthly Discharge                    30836

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 (CDRL A013)  
Month of June 2004**

Date	<u>Washdown Sump # 1</u>		<u>Washdown Sump # 2</u>		Total Daily Discharge
	Meter Reading	Discharge	Meter Reading	Discharge	
1-Jun-04	8515792	7312	17422612	3142	10454
2-Jun-04	8517440	1648	17422612	0	1648
3-Jun-04	8518961	1521	17422612	0	1521
4-Jun-04	8521416	2455	17422612	0	2455
5-Jun-04	8521416	0	17422612	0	0
6-Jun-04	8521416	0	17422612	0	0
7-Jun-04	8528280	6864	17422612	0	6864
8-Jun-04	8528280	0	17422612	0	0
9-Jun-04	8531239	2959	17422612	0	2959
10-Jun-04	8533830	2591	17422612	0	2591
11-Jun-04	8535464	1634	17432615	10003	11637
12-Jun-04	8535464	0	17432615	0	0
13-Jun-04	8535464	0	17432615	0	0
14-Jun-04	8545626	10162	17433908	1293	11455
15-Jun-04	8549212	3586	17433908	0	3586
16-Jun-04	8549212	0	17433908	0	0
17-Jun-04	8556808	7596	17433908	0	7596
18-Jun-04	8560656	3848	17433908	0	3848
19-Jun-04	8560656	0	17433908	0	0
20-Jun-04	8560656	0	17433908	0	0
21-Jun-04	8571450	10794	17433908	0	10794
22-Jun-04	8573798	2348	17438159	4251	6599
23-Jun-04	8576358	2560	17438159	0	2560
24-Jun-04	8578762	2404	17438980	821	3225
25-Jun-04	8581510	2748	17443715	4735	7483
26-Jun-04	8581510	0	17443715	0	0
27-Jun-04	8581510	0	17443715	0	0
28-Jun-04	8581510	0	17443715	0	0
29-Jun-04	8598542	17032	17443715	0	17032
30-Jun-04	8602052	3510	17443715	0	3510

Total Discharge Sump #1                    93572  
Total Discharge Sump #2                    24245

Total Monthly Discharge                    117817

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