

Reamint

8/28/1998

APPENDIX C

LOS ALAMOS NATIONAL LABORATORY

NPDES OUTFALL STATUS SUMMARY

This Appendix provides a summary of all Laboratory NPDES outfalls previously permitted and the current status of those outfalls. In addition, a listing of all existing and proposed outfalls to be included in the re-application is provided.

Still on Permit 28 (7 pending)

051 ✓
13S ✓
01A (001) ✓
2A 007 (pending)
2A 129 ✓
3A 021
3A 022
3A 024
3A 025 (pending)
3A 027 ✓
3A 028 ✓
3A 040 (pending)
3A 045 (pending)
3A 047
3A 048 ✓
3A 049 ✓
3A 113
3A 130
3A 158
3A 160
3A 181
3A 185
4A 118
4A 143 (pending)

04A 153 (pending)
04A 182 (pending) *
05A 055
05A 097

Ars Outfalls Remaining ~~002~~
✓ 051
✓ 13S
✓ 01A-001 ● No Arsenic Problems
~~02A 007~~
✓ 02A-129 ●
✓ 03A-021
✓ 03A-022
✓ 03A-024
✓ 03A-027
✓ 03A-028
✓ 03A-047
✓ 03A-048
✓ 03A-049
✓ 03A-113-
✓ 03A-130
✓ 03A-158
✓ 03A-160
✓ 03A-181
✓ 03A-185
✓ 05A-055
✓ 05A-097

* No arsenic problems listed in application for outfall

* Went through entire application for remaining outfalls and found no mention of problem w/ arsenic. Form 2C for each outfall shows it was analyzed for arsenic.



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Deleted

NPDES OUTFALL STATUS SUMMARY • - No discharge + sequential Schedule

No.	NPDES Outfall No.	TA-Bldg	FMU No.	Stormwater Remaining	EPA Delete Date
1	050	TA-21	N/A		Prior to 94
2	051	50-1 (RLWTF)	84		Remaining
3	128 128	22-91	67		12/5/95
4	02S	TA-9	N/A		Prior to 94
5	03S	TA-16	N/A		Prior to 94
6	04S	TA-18	N/A		Prior to 94
7	05S	TA-21 STF	80		3/10/98
8	07S	TA-46N	N/A		Prior to 94
9	09S	TA-53	N/A		Prior to 94
10	10S	TA-35	N/A		Prior to 94
11	12S	TA-46S	N/A		Prior to 94
12	13S	TA-46 (SWSC)	80		Remaining
13	01A001	3-22	80		Remaining
14	02A007	16-540	80	X	Pending
15	02A129	21-357	80		Remaining
16	03A009	3-102	70		7/31/96
17	03A020	2-49	66		7/11/95
18	03A021	3-29	65	X	Remaining
19	03A022	3-66	73	X	Remaining
20	03A023	3-156	77	X	7/11/95
21	03A024	3-187	73		Remaining
22	03A025	3-208	77		Pending
23	03A027	3-285	63		Remaining
24	03A028	15-185, 202	67		Remaining
25	03A031	21-143	80		7/11/95
26	03A032	21-150	66	X	7/31/96
27	03A034	21-166, 167	70	X	9/19/97
28	03A035	21-210	71	X	9/19/97
29	03A036	21-152, 155, 220	70	X	9/19/97
30	03A037	21-314	66		7/31/96
31	03A038	33-114	75	X	9/19/97
32	03A040	43-1	72	X	Pending
33	03A042	46-1	70	X	3/10/98
34	03A043	46-31	66		7/31/96
35	03A045	48-1	66	X	Pending
36	03A047	53-60	61		Remaining
37	03A048	53-62	61		Remaining
38	03A049	53-64	61		Remaining
39	03A060	16-430	70	X	7/31/96
40	03A098	59-1	71	X	12/6/95

*

NOI

Not deleted

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NPDES OUTFALL STATUS SUMMARY

No.	NPDES Outfall No.	TA-Bldg	FMU No.	Stormwater Remaining	EPA Delete Date	
41	03A113	53-293, 365 (LEDA)	61	X	Remaining	✓
42	03A114	53-2	61		7/11/95	
43	03A124	46-169	66		12/6/95	
44	03A125	53-28	61		Pending	
45	03A130	11-30	70		Remaining	✓
46	03A136	46-200	66		12/6/95	
47	03A145	53-6	61		1/14/98	
48	03A146	53-14	61		9/19/97	
49	03A148	3-1498, 1807	63	X	9/19/97	
50	03A158	21-209	70	X	Remaining	✓
51	03A160	35-124	67		Remaining	✓
52	03A180	43-44	N/A		7/11/95	
53	03A181	55-6	76	X	Remaining	✓
54	03A184	53-17	N/A		8/16/95	
55	03A185	15-312 (DARHT)	67		Remaining	✓
56	04A018	46-30	66	X	12/6/95	
57	04A014	46-88	66		7/11/95	
58	04A016	48-1	66		9/19/97	
59	04A018	46-24, 59, 76	66	X	12/6/95	
60	04A070	16-220	70		9/19/97	
61	04A088	16-202	70	X	9/19/97	
62	04A091	16-450	70		9/19/97	
63	04A092	16-370	70		1/14/98	
64	04A093	15-R203	67		Prior to 94	
65	04A094	3-170	62	X	9/19/97	
66	04A101	40-9	67	X	9/19/97	
67	04A115	8-70	70	X	9/19/97	
68	04A117	46-41	66		7/11/95	
69	04A118	Paj #4	80		Remaining	✓
70	04A126	48-8	66		12/6/95	
71	04A127	35-213	73	X	9/19/97	
72	04A131	48-1	66	X	1/14/98	
73	04A135	53-18	61		8/16/95	
74	04A137	48-46	66		12/6/95	
75	04A139	15-184	67		9/19/97	
76	04A140	3-141	73		8/16/95	
77	04A141	39-69	67		9/19/97	
78	04A142	21-5, 149	66	X	7/11/95	
79	04A143	15-306	67		Pending	

04A-113 }
133 } Check - Not on list 2
or 03A 113 or 133 DMR (94)

* See attached for deleted info to EPA. Sept 14, 1998

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NPDES OUTFALL STATUS SUMMARY

No.	NPDES Outfall No.	TA-Bldg	FMU No.	Stormwater Remaining	EPA Delete Date
80	04A147	33-86	70		7/11/95
81	04A151	3-22	80		8/16/95
82	04A152	48-28	66		9/19/97
83	04A153	48-1	66	X	Pending
84	04A155	9-50	67		12/6/95
85	04A156	39-89	67		9/19/97
86	04A157	16-460	70		9/19/97
* 87	04A161	Otowi #1	80		Remaining ✓
* 88	04A163	Paj #1	80		Remaining ✓
* 89	04A164	Paj #2	80		Remaining ✓
* 90	04A165	Paj #3	80		Remaining ✓
* 91	04A166	Paj #5	80		Remaining ✓
92	04A167	LA Well #1B	80		Prior to 94
93	04A168	LA Well #2	80		Prior to 94
94	04A169	LA Well #3	80		Prior to 94
95	04A170	LA Well #5	80		Prior to 94
* 96	04A171	Guaje #1	80		Remaining ✓
* 97	04A172	Guaje #1A	80		Remaining ✓
* 98	04A173	Guaje #2	80		Remaining ✓
* 99	04A174	Guaje #4	80		Remaining ✓
* 100	04A175	Guaje #5	80		Remaining ✓
* 101	04A176	Guaje #6	80		Remaining ✓
* 102	04A177	Guaje Booster 1	80		Remaining ✓
103	04A178	LA Booster 1	80		Prior to 94
104	04A182	21-1003	80		Pending
* 105	04A186	Otowi #4	80		Remaining ✓
106	05A052	16-380	70	X	Prior to 94
107	05A053	16-410	70	X	1/14/98
108	05A054	16-340	70		Pending
109	05A055	16-401,406 (HEWTF)	70		Remaining
110	05A056	16-260	70	X	1/14/98
111	05A057	16-265	70		Prior to 94
112	05A058	16-300 to 306	70	X	7/31/96
113	05A061	16-280	70	X	7/31/96
114	05A062	16-342	70		7/31/96
115	05A063	16-400	70		12/5/95
* 116	05A066	9A-21, 28, 29, 32, 35, 37, 38, & 40	67	X	3/10/98

* Checked by NMED DOE/OB

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NPDES OUTFALL STATUS SUMMARY

No.	NPDES Outfall No.	TA-Bldg	FMU No.	Stormwater Remaining	EPA Delete Date
* 117	05A067	9B-41, 42, 43, 45, & 46	67	X	3/10/98
* 118	05A068	9-48	67	X	3/10/98
119	05A069	11-50	70	X	Pending
* 120	05A071	16-430	70		3/10/98
121	05A072	16-460	70		9/19/97
122	05A096	11-51	70	X	Pending
123	05A097	11-52	70	X	Remaining
124	05A149	16-267	70		Prior to 94
125	05A154	40-41	67		12/5/95
126	05A159	16-360	70		8/16/95
127	06A073	16-222	70		1/14/98
128	06A074	8-22	70		9/19/97
129	06A075	8-21	67	X	1/14/98
130	06A078	22-34	67		7/31/96
131	06A079	40-4	67		Pending
132	06A080	40-5	67		Pending
133	06A081	40-8	67		3/10/98
134	06A082	40-12	67		1/14/98
135	06A099	40-23	67		9/19/97
136	06A100	40-15	67		Pending
137	06A106	36-1	74	X	Pending
138	06A123	15-R183	67		1/14/98
139	06A132	35-87	75	X	3/10/98
140	06A183	3-510	63		8/16/95
141	07A109	3-73	80		8/4/95

Outfalls to Remain in Permit Re-Application (34)

	EPA Outfall	TA- Building	FMU #	Stormwater Present?	Drainage Basin	Sampled for Re-Application?
1.	051	50-1	84		Mortandad	Yes
2.	13S	46-00	80		Canada del buey	Yes
3.	01A001	3-22	80		Sandia	Yes
4.	02A129	21-357	80		Los Alamos	Yes
5.	03A021	3-29	65	X	Mortandad	Yes
6.	03A022	3-66	73	X	Mortandad	Yes
7.	03A024*	3-187	73		Sandia	
8.	03A027	3-285	63		Sandia	
9.	03A028	15-185, 202	67		Water	
10.	03A047	53-60	61		Los Alamos	Yes
11.	03A048	53-62	61		Los Alamos	Yes
12.	03A049	53-64	61		Los Alamos	
13.	03A113	53-293, 365 (LEDA)	61	X	Sandia	Yes
14.	03A130	11-30	70		Water	Yes
15.	03A158	21-209	70	X	Los Alamos	
16.	03A160	35-124	67		Mortandad	
17.	03A181	55-6	76	X	Mortandad	Yes
18.	03A185	15-312 (DARHT)	67		Water	
19.	04A118	Paj. #4	80		Canada del buey	
20.	04A161	Otowi #1	80		Pueblo	Yes
21.	04A163	Paj. #1	80		Sandia	Yes
22.	04A164	Paj. #2	80		Pajarito	
23.	04A165	Paj. #3	80		Sandia	
24.	04A166	Paj. #5	80		Canada del buey	
25.	04A171	Guaje #1	80		Guaje	
26.	04A172	Guaje #1A	80		Guaje	
27.	04A173	Guaje #2	80		Guaje	
28.	04A174	Guaje #4	80		Guaje	
29.	04A175	Guaje #5	80		Guaje	
30.	04A176	Guaje #6	80		Rendija	Yes
31.	04A177	Guaje Booster #1	80		Guaje	
32.	04A186	Otowi Well #4	80		Los Alamos	Yes
33.	05A055	16-401,406(HEWTF)	70		Valle	Yes
34.	05A097	11-52	70	X	Water	Yes

* = Outfall which may be deleted pending resolution of engineering issues. This outfall is off-line due to arsenic in the cooling tower structure (wood).

LOS ALAMOS NATIONAL LABORATORY

FORM 2D OUTFALLS (13)

	<u>Outfall Location</u>	<u>Outfall Number</u>	<u>Waste Stream</u>	<u>Form 2D's Previously Submitted to EPA</u>
1.	Guaje Well #6	04A196	Bearing Cooling Water	
2.	Guaje Booster Well #3	04A198	Bearing Cooling Water	
3.	Guaje "Replacement" Well #1	04A187	Well Flushing/Testing	12/12/96
4.	Guaje "Replacement" Well #2	04A188	Well Flushing/Testing	12/12/96
5.	Guaje "Replacement" Well #3	04A189	Well Flushing/Testing	12/12/96
6.	Guaje "Replacement" Well #4	04A190	Well Flushing/Testing	12/12/96
7.	Otowi Well #4	04A197	Bearing Cooling Water	
8.	Pajarito Mesa Well #1	04A193	Bearing Cooling Water	
9.	Pajarito Mesa Well #2	04A194	Bearing Cooling Water	
10.	Pajarito Mesa Well #3	04A195	Bearing Cooling Water	
11.	Pajarito Mesa Well #4	04A191	Bearing Cooling Water	
12.	Pajarito Mesa Well #5	04A192	Bearing Cooling Water	
13.	TA-2-1 (OMEGA West Reactor Site)	n/a	Groundwater Seepage	7/27/93