



COUNTY OF DEL NORTE
COMMUNITY DEVELOPMENT DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

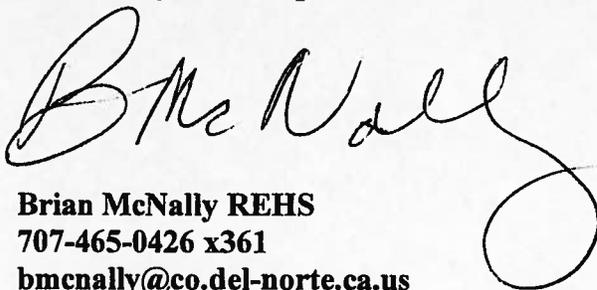
Brian McNally, REHS
981 H St., Ste 110
Crescent City, CA 95531
707-465-0426 x361

April 17, 2013

To: Kevin Mayer
Superfund Division Region 9
75 Hawthorne St. SFD 7-2
San Francisco, CA 94015

Enclosed is the Nineteenth Semiannual Groundwater Monitoring Report for the Del Norte Pesticide Storage Area site, Crescent City, California.

Call me if you have questions or comments.



Brian McNally REHS
707-465-0426 x361
bmcnally@co.del-norte.ca.us

SEMIANNUAL GROUNDWATER MONITORING REPORT

NINETEENTH SAMPLING CYCLE

April 3, 2013

Del Norte Pesticide Storage Area

Del Norte County Agriculture Department

2650 West Washington Boulevard

Crescent City, California

INTRODUCTION

This report summarizes the monitoring well sampling done by Del Norte County Community Development Department, Environmental Health Division, on April 3, 2013 monitoring well sampling was done pursuant to an agreement Del Norte County, the State of California Dept. of Toxic Substances Control (DTSC), and the Federal Environmental Protection Agency (EPA).

SITE HISTORY

The Del Norte Pesticide Storage Area is located approximately one mile north of Crescent City, California and is adjacent to Jack McNamara Field, the County Airport. The site is relatively flat and lies approximately 42 feet above sea level. Ground has been estimated toward the southeast.

The Pesticide Storage Area was established as a point of consolidation for pesticide containers in Del Norte County. The containers were rinsed onsite and improper rinseate disposal and mishandled cleanup efforts resulted in soil and water contamination.

Groundwater treatment by EPA was conducted for a number of years. The treatment facility had been decommissioned and removed.

As a part of the consent decree between DTSC, EPA and Del Norte County Community Development Dept., Environment Health Division is to conduct semiannual sampling of the four remaining monitoring wells for 1,2-dichloropropane.. Two pumping wells remain at the site, but no sampling of these wells is currently being done.

GROUNDWATER MONITORING FIELD ACTIVITIES

Groundwater sampling was done in accordance with the *Groundwater Monitoring Plan for Del Norte Pesticide Storage Area*, June 6 2001.

Date of field activities:	April 3, 2013
Wells sampled:	MW-104, MW-105, MW-107, MW-26
Wells gauged:	MW-104, MW-105, MW-107, MW-26
Water Analysis:	1,2-Dichloropropane
Laboratory:	North Coast Laboratories 5680 West End Road Arcata, CA 95521

Depth to water:	MW-104	5.21 feet
	MW-105	4.55 feet
	MW-107	6.52 feet
	MW-26	3.25 feet

Depth to water was measured with an Envirotech ET-H 100 water level meter.

Groundwater quality and hydrological data are presented in **Table 1**.

Historical groundwater level data and 1,2-Dichloropropane concentrations are presented in **Table 2**.

NOTES

In MW 104 there was rusty color; MW 105 and 107 had some fine tan silt; MW-26 was almost clear.

Rainfall has been slightly below average since the last sampling event. However there was a high rain event in early March following very dry conditions in January and February.

APPENDIX

Laboratory reports and chain of custody documents are presented in Appendix A.

Very truly yours,

Brian McNally

Senior Environmental Health Specialist

California Registered Environmental Health Specialist #5655

APPENDIX A

Table 1
GROUND WATER ELEVATIONS AND ANALYTICAL RESULTS
Del Norte Pesticide Storage Area
2650 West Washington Boulevard
Crescent City, CA

Well No.	Sampling date	Depth to water	1,2-Dichloropropane
MW-104	4/3/2013	5.21 feet	0.60
MW-105	4/3/2013	4.55 feet	7.9
MW-107	4/3/2013	6.52 feet	ND
MW-26	4/3/2013	3.25 feet	ND

Table 2
Historic Groundwater
Elevations and Analytical Results
Del Norte Pesticide Storage Area
2650 West Washington Boulevard
Crescent City, California

Well No.	Sampling Date	Depth to Water (feet)	1,2-Dichloropropane (ug/L)
MW-26	9/18/2002	6.36	ND
	4/28/2003	1.22	ND
	10/7/2003	6.80	ND
	7/7/2004	5.25	ND
	2/7/2005	2.59	ND
	9/14/2005	5.89	ND
	3/20/2006	1.90	ND
	4/16/2007	2.21	ND
	11/5/2007	4.37	ND
	4/30/2008	3.04	ND
	10/15/2008	6.57	ND
	4/22/2009	3.62	ND
	10/12/2009	Not Recorded	Not Sampled
	5/13/2010	2.5	ND
	10/27/2010	Not Recorded	Not Sampled
	5/4/2011	Not Recorded	Not Sampled
	12/21/2011	3.46	ND
	8/22/2012	5.16	ND
	4/3/2013	3.25	ND
	MW-104	9/9/2002	9.33
4/25/2003		3.35	2.4
12/10/2003		5.74	ND
7/7/2004		7.40	2.7
2/7/2005		4.75	1.5
9/14/2005		7.89	2.3
3/20/2006		4.00	4.0
4/16/2007		4.44	1.2
11/5/2007		6.50	1.2
4/30/2008		5.16	0.8
10/15/2008		8.45	2.4
4/22/2009		5.41	0.58
10/12/2009		8.79	2.0
5/13/2010		4.52	1.0
10/27/2010		5.32	12.0
5/4/2011		5.08	1.2
12/21/2011		5.50	0.95
8/22/2012	7.12	ND	
4/3/2013	5.21	0.60	

MW-105	9/18/2002	8.13	11
	4/28/2003	3.20	6.6
	12/10/2003	5.15	9.1
	7/7/2004	7.11	11
	2/7/2005	4.75	7.4
	9/14/2005	7.82	9.9
	3/20/2006	4.00	4.7
	4/16/2007	4.19	5.3
	11/5/2007	6.51	4.2
	4/30/2008	5.18	10
	10/15/2008	8.57	6.2
	4/22/2009	5.62	9.6
	10/12/2009	9.14	6.5
	5/13/2010	4.90	7.5
	10/27/2010	6.90	6.6
	5/4/2011	4.75	8.7
	12/21/2011	4.34	4.7
	8/22/2012	7.18	4
4/3/2013	4.55	7.9	

MW-107	9/9/2002	9.61	ND
	4/25/2003	4.33	ND
	12/10/2003	6.79	Not Sampled
	7/7/2004	8.71	ND
	2/7/2005	5.80	ND
	9/14/2005	9.79	ND
	3/20/2006	4.89	ND
	4/16/2007	5.69	ND
	11/5/2007	8.32	ND
	4/30/2008	6.64	ND
	10/15/2008	10.68	ND
	4/22/2009	7.39	ND
	10/12/2009	Not Recorded	Not Sampled
	5/13/2010	6.58	ND
	10/27/2010	Not Recorded	Not Sampled
	5/4/2011	Not Recorded	Not Sampled
	12/21/2011	7.00	ND
	8/23/2012	8.33	ND
4/3/2013	6.52	ND	