

Allen, Pam, NMENV

From: Maestas, Ricardo, NMENV
Sent: Wednesday, June 25, 2014 3:05 PM
To: Allen, Pam, NMENV
Subject: FW: NMED DOE OB monitoring locations (air, gamma rad, soil, sediment, vegetation)
Attachments: 20140305_NMED_WIPP_Sampling_Coordinates.xlsx

Email and att. for March

From: Kliphuis, Trais, NMENV
Sent: Wednesday, March 05, 2014 9:58 AM
To: Maestas, Ricardo, NMENV; Smith, Coleman, NMENV; Holmes, Steve, NMENV
Subject: FW: NMED DOE OB monitoring locations (air, gamma rad, soil, sediment, vegetation)

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From: LucasKamat, Susan, NMENV
Sent: Wednesday, March 05, 2014 9:54 AM
To: Skibitski, Thomas, NMENV; Kliphuis, Trais, NMENV; Kieling, John, NMENV
Cc: Schwender, Erika, NMENV; Blaine, Tom, NMENV; Flynn, Ryan, NMENV; Tongate, Butch, NMENV; Winchester, Jim, NMENV; Kendall, Jeff, NMENV; Granzow, Kim
Subject: NMED DOE OB monitoring locations (air, gamma rad, soil, sediment, vegetation)

There have been several emails lately about the location of the NMED monitoring equipment and sample collection locations.

EPA has informed us they wish to discuss this at the 1pm meeting.

Attached is a master list of the Oversight Bureau sampling/monitoring locations, including location name, sample ID, media, frequency, dates of sampling, and lat/long or other x,y coordinate(s).

Tom S has already been provided a copy to use during his visit/discussions about soil sampling with Stuart Jones at WIPP.

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METADATA

This is a compilation of all known sampling locations and coordinates.

The metadata for the x,y,z coordinates is not developed. No assurances to location precision or how location was collected is known.

All locations will require ground-truthing.

Original list compiled by Susan Lucas Kamat, WIPP Oversight Staff Manager, on March 5, 2014.

Sources: Kim Granzow and Chris Granzow GIS coverages.

ID	Location	Sampling history	Sample Frequency	Active	Media	X-LONG	Y-LAT	DecDeg-long	DecDeg-lat	Elevation (ft)	UTM-X-EASTING-FT	TM-Y-NORTHING-	UTM-X-METERS	TM-Y-METERS
S-SR	Smith Ranch	2010, 2012	Annual	Yes	Soils	103 52.152	32 24.426	-103.86920	32.40710		1989295.358	11765473.640	606338.438	3586124
S-WS	WIPP South	2010, 2011	Annual	Yes	Soils	103 47.949	32 22.676	-103.79915	32.37793		2011027.893	11755101.082	612962.528	3582962
S-WE	WIPP East	2010, 2012	Annual	Yes	Soils	103 47.274	32 22.299	-103.78790	32.37165		2014526.027	11752854.916	614028.761	3582277
S-FF	Far Field Gnome	2012	Annual	Yes NA	Soils Soils	103 47.554	32 22.063	-103.79257 -103.86542	32.36772 32.26281		2013101.732	11751408.031	613594.635	3581836
S-WNE	WIPP Northeast	2011	Annual	Yes	Soils	103 47.314	32 22.514	-103.78857	32.37523		2014305.493	11754155.887	613961.542	3582674
S-WN	WIPP North	2011, 2012	Annual	Yes	Soils	103 47.551	32 24.662	-103.79252	32.41103		2012939.283	11767163.028	613545.121	3586638
S-MR	Mills Ranch	2010, 2011	Annual	Yes	Soils	103 49.431	32 19.937	-103.82385	32.33228		2003586.838	11738413.070	610694.49	3577875
SD-Tut	Tut	2012	Annual	Yes	Sediment									
SD-Lost	Lost	2010, 2011, 2012	Annual	Yes	Sediment									
SD-Pierce	Pierce Canyon	2010, 2011	Annual	Yes	Sediment			-103.97744	32.18911					
SD-Hill	Hill Tank	2009, 2010, 2011, 2012	Annual	Yes	Sediment	103 50.408	32 22.886	-103.84013	32.38143					
SD-Indian	Indian Tank	2009, 2010, 2011, 2012	Annual	Yes	Sediment	103 53.075	32 16.915	-103.88458	32.28192					
SD-Noya	Noya Tank	2009, 2010, 2011, 2012	Annual	Yes	Sediment	103 47.706	32 26.414	-103.79510	32.44023					
SD-Poker	Poker Tank	2009, 2010, 2011, 2012	Annual	Yes	Sediment	103 49.820	32 13.666	-103.83033	32.22777					
SD-Red	Red Tank	2009, 2010, 2011	Annual	Yes	Sediment	103 43.313	32 22.771	-103.72188	32.37952					
SD-Pecos	Pecos River	2009	Annual	Yes	Sediment	104 13.284	32 25.464	-104.22140	32.42440					
SD-UTH	U the Hill Tank Tank	2009, 2010, 2011	Annual	Yes	Sediment	103 41.638	32 24.888	-103.69397	32.41480					
BV-WS	WIPP South	2010, 2011	Bi-annual	Yes	Vegetation	103 47.949	32 22.676	-103.79915	32.37793		2011027.893	11755101.082	612962.528	3582962
BV-WE	WIPP East	2010, 2011	Bi-annual	Yes	Vegetation	103 47.274	32 22.299	-103.78790	32.37165		2014526.027	11752854.916	614028.761	3582277
BV-SE	South East Control	2011	Bi-annual	Yes	Vegetation			-103.695100	32.218383				452586.637	2430511
BV-MR	Mills Ranch	2010	Bi-annual	Yes	Vegetation	103 49.431	32 19.937	-103.82385	32.33228		2003586.838	11738413.070	610694.49	3577875
BV-FF	Far Field	2010, 2012	Bi-annual	Yes	Vegetation	103 47.554	32 22.063	-103.79257	32.36772		2013101.732	11751408.031	613594.635	3581836
BV-MR	Mills Ranch	2011	Bi-annual	Yes	Vegetation	103 49.431	32 19.937	-103.82385	32.33228		2003586.838	11738413.070	610694.49	3577875
BV-Noy	Noya	2012	Bi-annual	Yes	Vegetation	103 47.706	32 26.414	-103.79510	32.44023					
BV-Pok	Poker	2012	Bi-annual	Yes	Vegetation	103 49.820	32 13.666	-103.83033	32.22777					
BV-WN	WIPP North	2012	Bi-annual	Yes	Vegetation	103 47.551	32 24.662	-103.79252	32.41103		2012939.283	11767163.028	613545.121	3586638
WIPP01	WIPP Parking Lot	2006 - present	Quarterly	Yes	DPR			-103.79783333	32.372316667	3405			613079.277	3582341
WIPP02	WIPP Railroad Entrance	2006 - present	Quarterly	Yes	DPR			-103.798016667	32.370883333	3397			613077.926	3582182
WIPP03	WIPP Southwest Fence Corner	2006 - present	Quarterly	Yes	DPR			-103.798016667	32.367333333	3389			613082.347	3581788
WIPP04	WIPP South Fence Center	2006 - present	Quarterly	Yes	DPR			-103.794583333	32.367350000	3396			613405.354	3581794
WIPP05	WIPP Southeast Fence Corner	2006 - present	Quarterly	Yes	DPR			-103.791750000	32.369166667	3405			613669.656	3581998
WIPP06	WIPP Far Southeast Fence Corner	2006 - present	Quarterly	Yes	DPR			-103.785200000	32.369133333	3424			614285.948	3582001
WIPP07	WIPP East Fence Mid	2006 - present	Quarterly	Yes	DPR			-103.785283333	32.373200000	3431			614272.99	3582452
WIPP08	WIPP Northeast Fence Corner	2006 - present	Quarterly	Yes	DPR			-103.785283333	32.376166667	3430			614268.564	3582842
WIPP09	WIPP North Northeast Fence	2006 - present	Quarterly	Yes	DPR			-103.789750000	32.376700000	3427			613848.378	3582835
WIPP10	WIPP North Fence Salt Pile	2006 - present	Quarterly	Yes	DPR			-103.794366667	32.377500000	3429			613412.998	3582925
WIPP11	WIPP Northwest Fence Corner	2006 - present	Quarterly	Yes	DPR			-103.798000000	32.225683333	3544			613259.957	3566085
WIPP12	WIPP Loading Dock West	2006 - present	Quarterly	Yes	DPR			-103.793733333	32.370533333	3403			613481.37	3582146
WIPP13	WIPP Loading Dock Center	2006 - present	Quarterly	Yes	DPR			-103.793566667	32.370533333	3403			613497.029	3582148
WIPP14	WIPP Loading Dock East	2006 - present	Quarterly	Yes	DPR			-103.793283333	32.370533333	3404			613523.686	3582148
WIPP15	Carlsbad NMED Office N Canal St	2006-2012	Quarterly	No	DPR			-104.228500000	32.42663333	3109			572533.788	3587988
WIPP16	Loving Weight Station	2007, 2008, 2009-present	Quarterly	Yes	DPR			-104.126250000	32.31496667	3046			582248.36	3575684
WIPP17	Malaga Volunteer Fire Dept.	2007-present	Quarterly	Yes	DPR			-104.072600000	32.22581667	3006			587384.173	3565843
WIPP18	Hobbs Hiway - North Access Road	2008-present	Quarterly	Yes	DPR			-103.775000000	32.5366	3517			615032.575	3600578
WIPP19	Southeast Control	2011-present	Quarterly	Yes	DPR			-103.694900000	32.2183	3571				
WIPP20	Carlsbad NMED Office Guadalupe St Interior	2012-present	Quarterly	Yes	DPR			-104.232400000	32.4243	3111				
WIPP21	Carlsbad NMED Office Guadalupe St Exterior	2012-present	Quarterly	Yes	DPR			-104.232300000	32.4244	3111				
WPL01	WIPP Salt Shaft (LVA51)	2007-2013, 2014	Biweekly	Yes	Ambient Air			-103.793083	32.373283				613539.063	3582453
WPL02	WIPP Far Field (LVA52)	2007-2013, 2014	Biweekly	Yes	Ambient Air			-103.798717	32.377717				613003.563	3582938
WPL03	WIPP Met Tower (LVA53)	2007-2013, 2014	Biweekly	Yes	Ambient Air			-103.788617	32.374883				613957.278	3582635
WPL04	Malaga Volunteer Fire Dept. (LVA54)	2007-2009	Biweekly	No	Ambient Air			-104.072600	32.225817				587384.173	3565843
WPL05	Carlsbad NMED Office N Canal St (LVA55)	2007-2010	Biweekly	No	Ambient Air			-104.228500	32.426633				572533.788	3587988
WPL06	Artesia Jaycee Park (LVA56)	2009-2010	Biweekly	No	Ambient Air			-104.444817	32.822783				551966.685	3631777
WPL07	WIPP Met Tower Duplicate (LVA57)	2007-2013	Biweekly	Reserve	Ambient Air			-103.788617	32.374883				613957.278	3582635
WPL08	WIPP Far Field Duplicate (LVA58)	2009-2010	Biweekly	Reserve	Ambient Air			-103.798717	32.377717				613003.563	3582938
WPL09	Southeast Control (LVA59)	2011-present	Biweekly	Maint required	Ambient Air			-103.695100	32.218383					
WPL10	Carlsbad NMED Office Guadalupe St	2014-present	Biweekly	Yes	Ambient Air			-104.232350	32.42441					
WPL11	Ranch SW WIPP (tentative name)	2014-present	Biweekly	Yes	Ambient Air			-103.874750	32.334240					
A1-1	WIPP Station A Skid 1	2006-present	Daily	Yes	Exhaust Air			-103.7917	32.3716	3409				
A2-1	WIPP Station A Skid 2	2006-present	Daily	Yes	Exhaust Air			-103.7917	32.3716	3409				
A3-1	WIPP Station A Skid 3	2006-present	Daily	Yes	Exhaust Air			-103.7917	32.3716	3409				
B1-1	WIPP Station B Skid 1	2006-present	Weekly	Yes	Exhaust Air			-103.7916667	32.37235	3411				