

**Allen, Pam, NMENV**

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**From:** Maestas, Ricardo, NMENV  
**Sent:** Thursday, June 26, 2014 8:06 AM  
**To:** Allen, Pam, NMENV  
**Subject:** FW: WIPP (modeled) plume area soil and vegetation sampling  
**Attachments:** 2014-03\_Soil\_Vegetation\_Plume.pdf

March

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**From:** Lucaskamat, Susan, NMENV  
**Sent:** Wednesday, March 19, 2014 6:48 PM  
**To:** Skibitski, Thomas, NMENV  
**Cc:** Kliphuis, Trais, NMENV; Maestas, Ricardo, NMENV; Holmes, Steve, NMENV; Smith, Coleman, NMENV; Granzow, Kim  
**Subject:** WIPP (modeled) plume area soil and vegetation sampling

Tom-

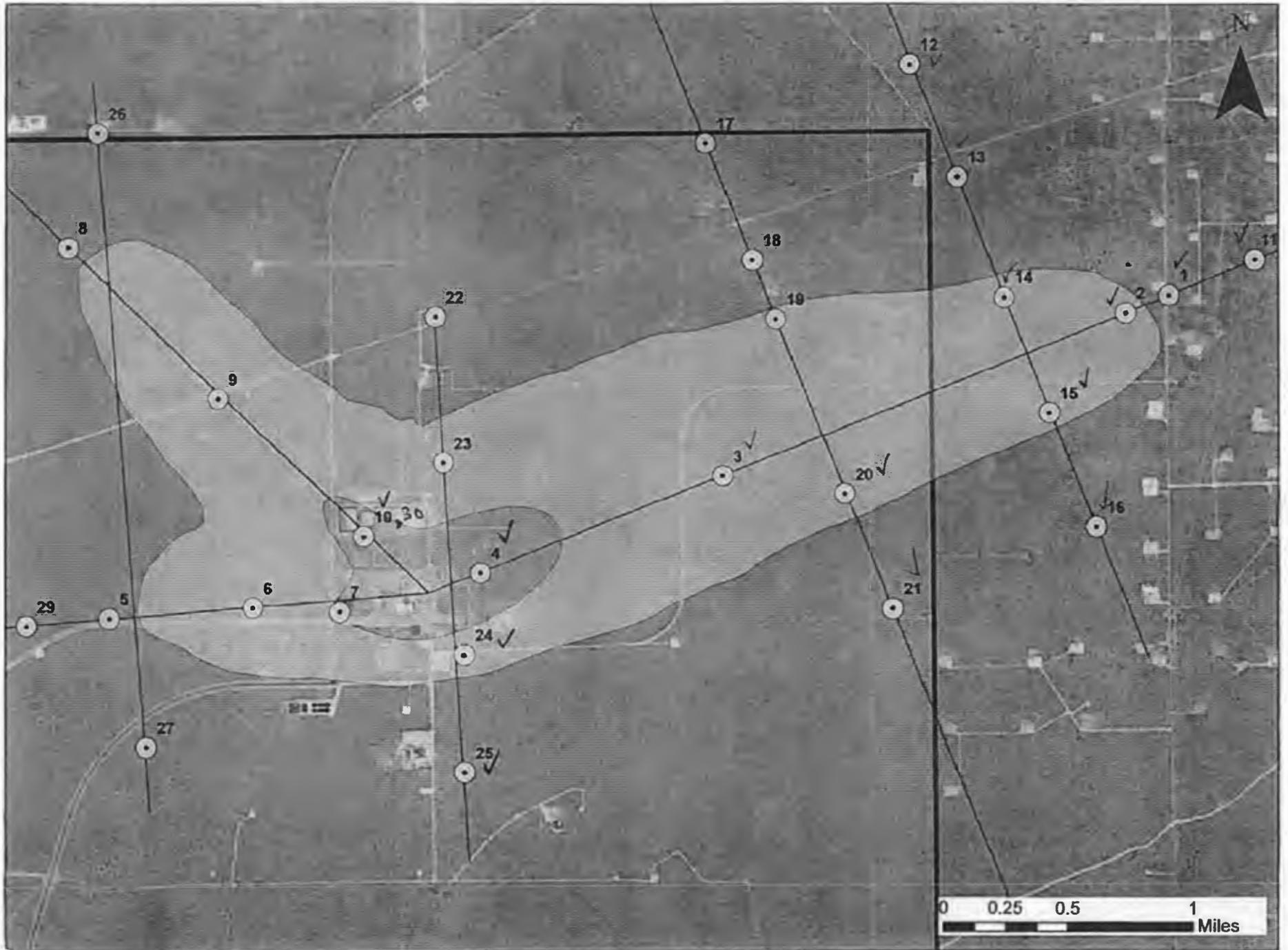
Attached is the map and lat/long coordinates for the 29 soil/veg samples collected for the modeled plume at WIPP. Most of the sample locations are within the modeled area of the plume, with several perimeter locations to establish boundaries.

Ricardo and I collected fifteen (15) samples and one (1) duplicate sample for both surface soil (0-2cm depth) and vegetation. All samples were co-located with NWP samples. Today was a perfect field day in Carlsbad: a bit overcast/hazy, temps in the 60s F, no wind. Tomorrow is forecast to be windy and in the 80s F, so sampling will probably be slower.

I have photos that I will forward later.

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# WIPP Soil Sampling Locations



Label	Type	Latitude	Longitude
03/19	1 Point	-103.740747	32.389079
03/19	2 Point	-103.743716	32.388111
3/19	3 Point	-103.771394	32.378962
3/19	4 Point	-103.788047	32.373480
	5 Point	-103.813540	32.371112
	6 Point	-103.803633	32.371639
	7 Point	-103.797738	32.371312
	8 Point	-103.816058	32.392609
	9 Point	-103.805876	32.383854
3/19	10 Point	-103.796031	32.375680
3/19	11 Point	-103.734854	32.391015
3/19	12 Point	-103.758321	32.402646
3/19	13 Point	-103.755145	32.396013
3/19	14 Point	-103.752029	32.389074
3/19	15 Point	-103.749023	32.382422
3/19	16 Point	-103.745908	32.375706
	17 Point	-103.772309	32.398173
	18 Point	-103.769189	32.391397
	19 Point	-103.767652	32.388018
3/19	20 Point	-103.763102	32.377830
3/19	21 Point	-103.759904	32.371101
	22 Point	-103.790956	32.388405
	23 Point	-103.790521	32.379956
3/19	24 Point	-103.789219	32.368773
3/19	25 Point	-103.789285	32.361992
	26 Point	-103.813990	32.399200
	27 Point	-103.811117	32.363694
	28 Point	-103.822222	32.397904
	29 Point	-103.819152	32.370739
3/19	30	Dup of 10	