US EPA RECORDS CENTER REGION 5
486420

Lodge, Patricia

From: Molitor, Pamela
Sent: Wednesday, April 22, 2015 7:55 AM
To: Lodge, Patricia
Cc: Turner, Thomas
Subject: RE: Regarding FOI EPA-R5-2015-005704 (The Hartness Family)
Attachments: Fig1-14-000-026-00SampleLoc.pdf; Laboratory Data - 14-000-026-00.pdf; XRF Data - 14-000-026-00.pdf

FOIA EPA-R5-2015-005704
Here are the lab results that were sent to Mr. Hartness.
This is the end of my documents.

From: Lodge, Patricia
Sent: Monday, April 20, 2015 3:31 PM
To: Nowotarski, Allison; Molitor, Pamela; Zintak, Leonard
Subject: Regarding FOI EPA-R5-2015-005704 (The Hartness Family)

Hi:

Per our phone conversation or voicemail message today, I am sending a copy of the FOI request that I would like you to take a look at. Please let me know if you have any responsive letters regarding this request. You should have also received an email from Tom Turner with the emails that he released to me. If you have questions, please let me know.

Thanks,

Patricia A. Lodge
Patricia A. Lodge
Superfund Division
U.S. EPA, EES #3
312/886-2343

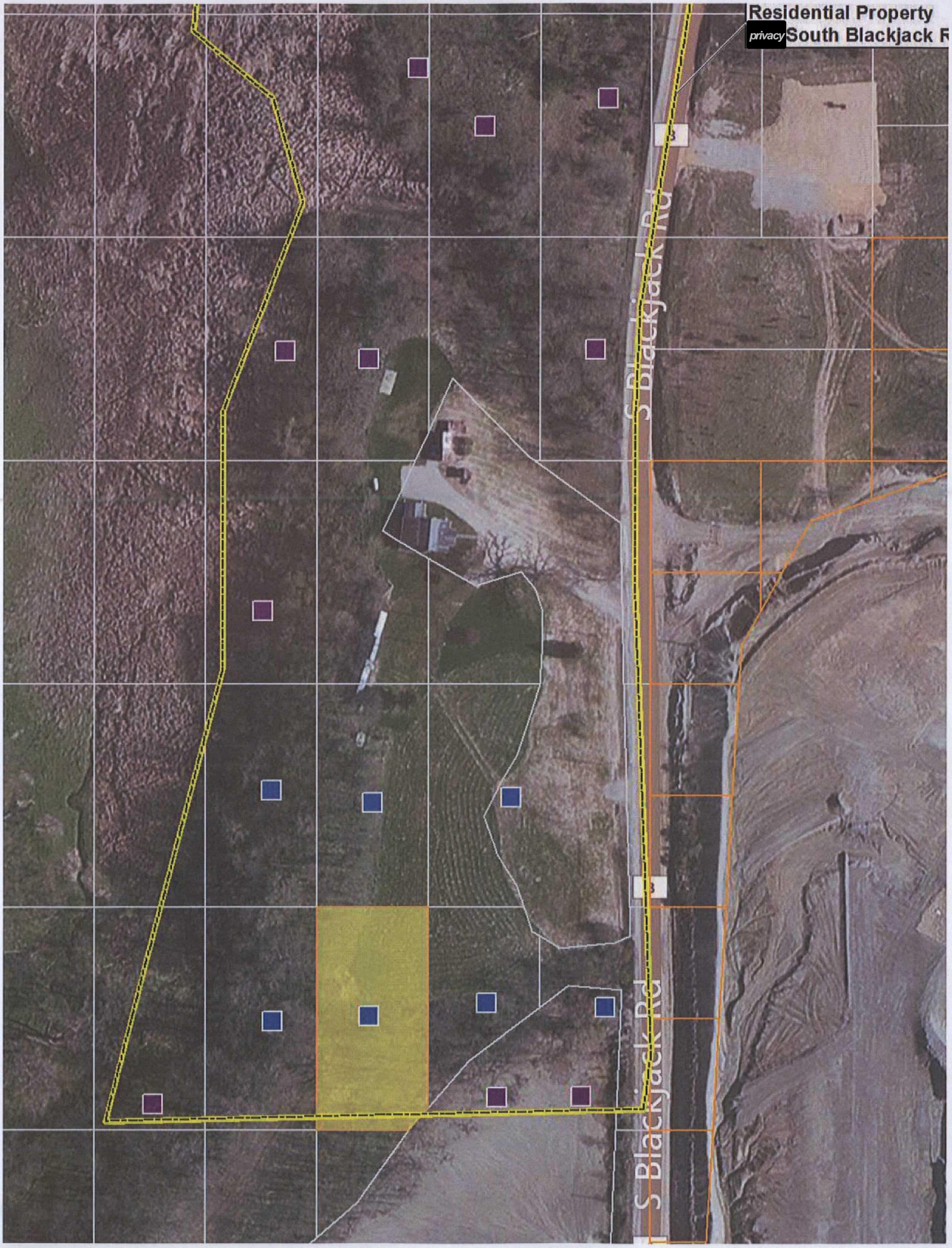
Residential Property
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Table 1
Parcel 14-000-026-00
Laboratory Analytical Results
May and November 2014

Analytes	Sample Number	SO-F15-E-1114		SO-G15-E-0514		SO-G15-E-0636-0514†		SO-G15-E-0709-0514†		SO-H15-SE-1114	
	CLP Number	ME58Y5		ME56A7		ME5650		ME5658		ME58Z1	
	Date	11/04/2014		05/14/2014		05/14/2014		05/14/2014		11/05/2014	
	Phase:	Phase II		Phase I		Phase I		Phase I		Phase II	
TAL Metals Analysis											
Antimony	mg/kg	0.39	J	6.8	UJ	7.5	UJ	7.1	UJ	0.58	J
Arsenic	mg/kg	6.5		10.6		9.1		11.8		16.4	
Barium	mg/kg	117		262		188		143		204	
Beryllium	mg/kg	0.54	J	0.95	J	0.76	J	3.5	U	0.75	
Cadmium	mg/kg	1.3		1.7	J	3.8	U	3.5	U	3.1	
Chromium	mg/kg	11.7		25.0		42.6		40.2		17.3	
Cobalt	mg/kg	8.5		21.3		7.2	J	7.9	J	16.1	
Copper	mg/kg	20.2		18.6		30.4	J	33.6	J	80.1	
Lead	mg/kg	101		78.3		14.5		14.8		390	
Manganese	mg/kg	846		3370	J	190		493		1990	
Mercury	mg/kg	--		0.032	J-	0.15	U	0.14	U	--	
Nickel	mg/kg	19.5		24.7		24.0	J	29.2	J	19.5	
Selenium	mg/kg	4.1	U	1.2	J-	18.8	U	17.7	U	3.6	U
Silver	mg/kg	0.73	J	3.4	U	3.8	U	3.5	U	1.8	
Thallium	mg/kg	2.9	U	3.4	U	3.8	U	3.5	U	2.5	R
Vanadium	mg/kg	19.2		64.1	J	76.3		95.7		37.3	
Zinc	mg/kg	435	J	593		78.1	J	82.0	J	1010	J
Cyanide	mg/kg	--		0.68	R	0.75	U	0.71	U	--	

Notes:

† = Sample depth is found after the "G15-E", 0636 is 6-to 36-inches, 0709 is 7-to 9-feet

-- = Not analyzed

CLP = Contract Laboratory Program

J = This result is an estimated quantity

mg/kg = milligrams per kilogram

R = QC indicates that data are not usable. Resampling and re-analysis are necessary for verification

U = The analyte was analyzed for, but was not detected above the reported sample quantitation limit

UJ = The analyte was analyzed for, but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise

Table 2
Parcel 14-000-026-00
Phase I and II Adjusted XRF Results
May and November 2014

Sample ID	Analyte Code	Result	Units	Analysis Method	Project ID	Sample Date	Station ID	Preparation Method
G11-E	AS	6	ppm	SW6200	Phase II	11/4/2014	G11-E	NONE
G11-E	CD	14	ppm	SW6200	Phase II	11/4/2014	G11-E	NONE
G11-E	CU	14	ppm	SW6200	Phase II	11/4/2014	G11-E	NONE
G11-E	PB	55	ppm	SW6200	Phase II	11/4/2014	G11-E	NONE
G11-E	ZN	221	ppm	SW6200	Phase II	11/4/2014	G11-E	NONE
G12-E	AS	5	ppm	SW6200	Phase II	11/4/2014	G12-E	NONE
G12-E	CD	15	ppm	SW6200	Phase II	11/4/2014	G12-E	NONE
G12-E	CU	24	ppm	SW6200	Phase II	11/4/2014	G12-E	NONE
G12-E	PB	49	ppm	SW6200	Phase II	11/4/2014	G12-E	NONE
G12-E	ZN	270	ppm	SW6200	Phase II	11/4/2014	G12-E	NONE
G12-W	AS	5	ppm	SW6200	Phase II	11/4/2014	G12-W	NONE
G12-W	CD	14	ppm	SW6200	Phase II	11/4/2014	G12-W	NONE
G12-W	CU	16	ppm	SW6200	Phase II	11/4/2014	G12-W	NONE
G12-W	PB	77	ppm	SW6200	Phase II	11/4/2014	G12-W	NONE
G12-W	ZN	279	ppm	SW6200	Phase II	11/4/2014	G12-W	NONE
G13-W	AS	5	ppm	SW6200	Phase II	11/6/2014	G13-W	NONE
G13-W	CD	14	ppm	SW6200	Phase II	11/6/2014	G13-W	NONE
G13-W	CU	18	ppm	SW6200	Phase II	11/6/2014	G13-W	NONE
G13-W	PB	46	ppm	SW6200	Phase II	11/6/2014	G13-W	NONE
G13-W	ZN	183	ppm	SW6200	Phase II	11/6/2014	G13-W	NONE
H11-E	AS	9	ppm	SW6200	Phase II	11/6/2014	H11-E	NONE
H11-E	CD	15	ppm	SW6200	Phase II	11/6/2014	H11-E	NONE
H11-E	CU	14	ppm	SW6200	Phase II	11/6/2014	H11-E	NONE
H11-E	PB	398	ppm	SW6200	Phase II	11/6/2014	H11-E	NONE
H11-E	ZN	3142	ppm	SW6200	Phase II	11/6/2014	H11-E	NONE
H11-W	AS	8	ppm	SW6200	Phase II	11/6/2014	H11-W	NONE
H11-W	CD	14	ppm	SW6200	Phase II	11/6/2014	H11-W	NONE
H11-W	CU	14	ppm	SW6200	Phase II	11/6/2014	H11-W	NONE
H11-W	PB	55	ppm	SW6200	Phase II	11/6/2014	H11-W	NONE
H11-W	ZN	243	ppm	SW6200	Phase II	11/6/2014	H11-W	NONE
H12-E	AS	9	ppm	SW6200	Phase II	11/6/2014	H12-E	NONE

Table 2
Parcel 14-000-026-00
Phase I and II Adjusted XRF Results
May and November 2014

Sample ID	Analyte Code	Result	Units	Analysis Method	Project ID	Sample Date	Station ID	Preparation Method
H12-E	CD	15	ppm	SW6200	Phase II	11/6/2014	H12-E	NONE
H12-E	CU	18	ppm	SW6200	Phase II	11/6/2014	H12-E	NONE
H12-E	PB	295	ppm	SW6200	Phase II	11/6/2014	H12-E	NONE
H12-E	ZN	1355	ppm	SW6200	Phase II	11/6/2014	H12-E	NONE
H15-SW	AS	11	ppm	SW6200	Phase II	11/6/2014	H15-SW	NONE
H15-SW	CD	15	ppm	SW6200	Phase II	11/6/2014	H15-SW	NONE
H15-SW	CU	205	ppm	SW6200	Phase II	11/6/2014	H15-SW	NONE
H15-SW	PB	255	ppm	SW6200	Phase II	11/6/2014	H15-SW	NONE
H15-SW	ZN	785	ppm	SW6200	Phase II	11/6/2014	H15-SW	NONE
SO-G14-W-0514	AS	6	ppm	SW6200	Phase I	5/28/2014	G14-W	NONE
SO-G14-W-0514	CD	10	ppm	SW6200	Phase I	5/28/2014	G14-W	NONE
SO-G14-W-0514	CU	17	ppm	SW6200	Phase I	5/28/2014	G14-W	NONE
SO-G14-W-0514	PB	37	ppm	SW6200	Phase I	5/28/2014	G14-W	NONE
SO-G14-W-0514	ZN	177	ppm	SW6200	Phase I	5/28/2014	G14-W	NONE
SO-G15-E-0514	AS	7	ppm	SW6200	Phase I	5/15/2014	G15-E	NONE
SO-G15-E-0514	CD	11	ppm	SW6200	Phase I	5/15/2014	G15-E	NONE
SO-G15-E-0514	CU	12	ppm	SW6200	Phase I	5/15/2014	G15-E	NONE
SO-G15-E-0514	PB	60	ppm	SW6200	Phase I	5/15/2014	G15-E	NONE
SO-G15-E-0514	ZN	413	ppm	SW6200	Phase I	5/15/2014	G15-E	NONE
SO-G15-W-0514	AS	7	ppm	SW6200	Phase I	5/28/2014	G15-W	NONE
SO-G15-W-0514	CD	10	ppm	SW6200	Phase I	5/28/2014	G15-W	NONE
SO-G15-W-0514	CU	17	ppm	SW6200	Phase I	5/28/2014	G15-W	NONE
SO-G15-W-0514	PB	46	ppm	SW6200	Phase I	5/28/2014	G15-W	NONE
SO-G15-W-0514	ZN	177	ppm	SW6200	Phase I	5/28/2014	G15-W	NONE
SO-H14-W-0514	AS	6	ppm	SW6200	Phase I	5/27/2014	H14-W	NONE
SO-H14-W-0514	CD	10	ppm	SW6200	Phase I	5/27/2014	H14-W	NONE
SO-H14-W-0514	CU	14	ppm	SW6200	Phase I	5/27/2014	H14-W	NONE
SO-H14-W-0514	PB	20	ppm	SW6200	Phase I	5/27/2014	H14-W	NONE
SO-H14-W-0514	ZN	56	ppm	SW6200	Phase I	5/27/2014	H14-W	NONE
SO-H15-E-0514	AS	26	ppm	SW6200	Phase I	5/21/2014	H15-E	NONE
SO-H15-E-0514	CD	13	ppm	SW6200	Phase I	5/21/2014	H15-E	NONE

Table 2
Parcel 14-000-026-00
Phase I and II Adjusted XRF Results
May and November 2014

Sample ID	Analyte Code	Result	Units	Analysis Method	Project ID	Sample Date	Station ID	Preparation Method
SO-H15-E-0514	CU	52	ppm	SW6200	Phase I	5/21/2014	H15-E	NONE
SO-H15-E-0514	PB	2019	ppm	SW6200	Phase I	5/21/2014	H15-E	NONE
SO-H15-E-0514	ZN	4536	ppm	SW6200	Phase I	5/21/2014	H15-E	NONE
SO-H15-SE-1114	AS	15	ppm	SW6200	Phase II	11/6/2014	H15-SE	NONE
SO-H15-SE-1114	CD	14	ppm	SW6200	Phase II	11/6/2014	H15-SE	NONE
SO-H15-SE-1114	CU	79	ppm	SW6200	Phase II	11/6/2014	H15-SE	NONE
SO-H15-SE-1114	PB	368	ppm	SW6200	Phase II	11/6/2014	H15-SE	NONE
SO-H15-SE-1114	ZN	847	ppm	SW6200	Phase II	11/6/2014	H15-SE	NONE
SO-H15-W-0514	AS	9	ppm	SW6200	Phase I	5/22/2014	H15-W	NONE
SO-H15-W-0514	CD	10	ppm	SW6200	Phase I	5/22/2014	H15-W	NONE
SO-H15-W-0514	CU	21	ppm	SW6200	Phase I	5/22/2014	H15-W	NONE
SO-H15-W-0514	PB	98	ppm	SW6200	Phase I	5/22/2014	H15-W	NONE
SO-H15-W-0514	ZN	441	ppm	SW6200	Phase I	5/22/2014	H15-W	NONE

Notes:

As	Arsenic
CD	Cadmium
CU	Copper
PB	Lead
ppm	parts per million
ZN	Zinc