Appendix I

Asbestos Abatement Report, January 10, 2019



81 Fall St., Suite 4 | Seneca Falls NY 13148 | 315.257.0270

January 10, 2019 Revised: September 11, 2019

Mark Lovejoy Tantara Corporation 54 Mason Street Worcester, MA 01610

Re: Asbestos Abatement Underground NIKE Missile Silos – Defense Battery BU-34/35 601 Willardshire Road Aurora, New York Interior/Exterior Abatement Project SET #3239

Dear Mr. Lovejoy:

The Asbestos Abatement Project at 601 Willardshire Road consisted of the removal of the following asbestos-containing materials (ACM):

Room/Work Area	ACM Removed	Project Size	
	Corrugated Pipe Insulation and Mudded Pipe Fittings / Associated Debris		
Silo #1 – Interior	Gaskets	Lorgo	
Silo #1 - Interior	Cementitious Pegboard	- Large	
	Wire Insulation		
Silo #1 – Exterior	Buried Cementitious Piping	Large	
	Corrugated Pipe Insulation and Mudded Pipe Fittings / Associated Debris		
Silo #2 – Interior	Gaskets	Larra	
510 # 2 - Interior	Cementitious Pegboard	Large	
	Wire Insulation		
Silo #2 - Exterior	Buried Cementitious Piping	Large	
SIIO #2 - EXIENDI	Expansion Joint Caulk	Small	
	Corrugated Pipe Insulation and Mudded Pipe Fittings / Associated Debris	- Large	
Silo #3 – Interior	Gaskets		
510 # 3 - Interior	Cementitious Pegboard		
	Wire Insulation		
Silo #3 – Exterior	t3 – Exterior Buried Cementitious Piping		
	Corrugated Pipe Insulation and Mudded Pipe Fittings / Associated Debris		
Silo #4 – Interior	Gaskets	Lorgo	
510 #4 - Interior	Cementitious Pegboard	- Large	
	Wire Insulation		
Silo #4 – Exterior	Buried Cementitious Piping	Large	
	Corrugated Pipe Insulation and Mudded Pipe Fittings / Associated Debris		
01 // 1 / 1	Gaskets	Large	
Silo #5 – Interior	Cementitious Pegboard		
	Wire Insulation		
Silo #5 – Exterior	Buried Cementitious Piping	Large	
Silo #6 – Interior	Asbestos Containing Material Contaminated Soil / Debris	Large	
Silo #6 – Exterior	Buried Cementitious Piping	Large	



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Allied Environmental Services LLC. was charged with conducting the abatement within the conditions outlined in:

- New York State Industrial Code Rule 56 as granted by the New York State Department of Labor.
- OSHA 29 CFR 1926.1101
- EPA 40 CFR Part 61
- Site Specific Variance 18-0656

A total of four-hundred five (405) Phase Contrast Microscopy (PCM) air samples were taken throughout the course of the project.

The final Project Monitor Clearance Visual Inspection was conducted by Sienna Environmental Technologies on May 29, 2019, and the contractor's log book was signed by the Sienna Project Monitor on site.

Final clearance air sampling was performed on October 30, 2018 and all work areas were cleared with sample results below a concentration of 0.01 fibers per cubic centimeter for all PCM air samples.

Sincerely,

Sean Fitzgerald Project Manager



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1. INTRODUCTION

Sienna Environmental Technologies, LLC (Sienna) was contracted to provide Project Monitoring and Air Sampling services for the aforementioned Asbestos Abatement Project.

Sienna Environmental Technologies, LLC (ELAP No. 11727) performed the analysis on the PCM air sampling cassettes provided to them by their personnel.

A Large Asbestos Project is defined as a project involving the removal, disturbance, enclosure, encapsulation, repair or handling of one hundred and sixty (160) square feet or more of Asbestos Containing Material (ACM) or Presumed Asbestos Containing Material (PACM) or two hundred and sixty (260) linear feet or more of ACM or PACM.

A Small Asbestos Project is defined as a project involving the removal, disturbance, enclosure, encapsulation, repair or handling of more than ten (10) and less than one hundred and sixty (160) square feet of ACM or PACM or asbestos material of more than twenty five (25) and less than two hundred and sixty (260) linear feet of ACM or PACM.

A Minor Asbestos Project is defined as a project involving the removal, disturbance, enclosure, encapsulation, repair or handling of ten (10) square feet or less of ACM or PACM or asbestos material of twenty five (25) linear feet or less of ACM or PACM.

2. METHODOLOGY

Phase IB Background Pre-Abatement Air Samples – Background air sampling is conducted prior to Asbestos Abatement Contractor mobilization. This method is used to determine airborne fiber concentrations in the area where abatement work is to be conducted, prior to starting Phase IIA of the asbestos project. Background air sampling is required for all large and small projects.

Phase IIA Regulated Abatement Work Area Preparation Air Samples – Pre-Abatement air sampling is conducted throughout the entire shift during work area preparation to determine if any Asbestos Material is disturbed. Pre-Abatement air sampling is required for all large asbestos projects with OSHA Class I or Class II friable ACM subject to handling/abatement.

Phase IIB Asbestos Handling Air Samples – Abatement sampling is conducted while the abatement is being performed to determine whether any airborne Asbestos is escaping the contained work area. Abatement air sampling is required on most interior large projects.

Phase IIC Final Cleaning and Clearance Air Samples – Post-Abatement/Final/Clearance sampling is conducted after the completion of abatement activities to determine airborne fiber concentrations. Clearance air sampling is required on most large, small and some minor projects that are completed utilizing a negative pressure enclosure.

Asbestos Air Samples are analyzed under Phase Contrast Microscopy (PCM) using the NIOSH 7400 methodology. This methodology is non-specific for asbestos. All fibers and fiber-like particles having a length greater than 5 micrometers and a length to width ratio of 3:1 must be counted.



2. METHODOLOGY (continued)

PCM clearance air sample results shall be considered satisfactory when every clearance air sample demonstrates an airborne concentration of less than 0.01 fibers per cubic centimeter or the established background level, whichever is greater. If TEM is the selected method of clearance air sampling and analysis, the clearance criteria and sampling protocols of AHERA shall be used.

No air sampling is required for exterior project removal of non-friable organically bound asbestos materials unless the asbestos is rendered friable during removal or debris falls within the building or structure. In these cases air sampling is generally conducted as part of exterior project removals.

An appropriately trained and certified Project Monitor must complete a visual inspection of the abatement area for all large and small projects. The visual inspection for completeness of abatement and completeness of cleanup is performed per the provisions of the current ASTM standard E1368 "Standard Practice for Visual Inspection of Asbestos Abatement Projects".



3. DAILY FIELD REPORT(S)



350 Elmwood Ave. + Buffalo, NY 14222 P. 716-332.3134 P. 716.332.3136

LIENT/CONTACT: To to so (N/L / L L L	DATE: 66 112 110
antala COLO, Mark Law, ov	06/16/10
PROJECT NAME/ADDRESS: Nike Missile BU-34/35/GOI Willerdshire Rd.	CET#.
WORK AREA LOCATION: Sila #2	3239
MATERIALS REMOVED: Pipe Insulation and Fittings	PROJECT TYPE:
Gaskets	Aspestos
Cementitious Pegboard	START TIME:
Wire Insulation	0830 END TIME:
CONTRACTOR: Allich Env. Services SUPERVISOR: Mark Maloney	NUMBER OF SAMPLES:
NUMBER OF WORKERS ON-SITE: 3 (716) 796 - 4021	
RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:	6+2
SIENNA LICENSE POSTED: MONOMETER READING: NA	AM PM
AIR MONITOR CERTIFICATIONS POSTED: / PUMP LOCATIONS CHECKED: /	
TECHNICIAN: Craig Mikida PUMPS CALIBRATED: WORK AREA(S) SIZE: W VISUAL INSPECTION OK: NO	
Larence	
ENCLOSURE TYPE: Negative Pressure Enclosure WAITING PERIOD REQUIRED: NA SSV - 18-0656	
2HASE OF WORK: B O A C AIR RESULTS REVIEWED/POSTED: NA ANY HIGH LEV	/ELS: NO
OSHA PERSONALS TAKEN: E B AIR RESULTS REVIEWED: N A ANY HIGH LEV	
	NA
NOTES: Arrived on site with Sean from Sienna at 08:	30. Discussed
55V-18-0656 and scope of work for the project	t. Met with
Tantara Corp. workers and discussed project. Also met	
Fairland Corp. workers and arsenses project. 1100 me	
Env. survices workers and discussed project. Set u	
pumps at 1000. Also took personals today. Scan left.	site at 1030.
Checked Allied workers hard cards and certifications	posted in
decon. Allied workers actup remote personal decon per	
Allied workers also setup signage and barrier tape	per ter st-1.
160K break. Allied workers beyon proping lowering n	ly air machines
Took break. Allied workers beyon propping lowering n and equipment into work area. Allied opened gasket	to determine
if it was an ACM. Basket material needs to be	inspected. Generator
and hard top dumpster arrived on site. Contractor fi	
day and left site. Took final pump calibration and	timisted sampling
at 1600. Finished paper work and left site at	1615.

Cruig Michel SIGNATURE

808571 D.O.L. CERTIFICATION NUMBER



(

350 Elme ood Ave. • Buffalo, NY 14222 P. 716-332.3134 F. 716.332.3136

LIENT/CONTACT: Tantara Corp. / Mark Lovejey	DATE: 06/13/18
PROJECT NAME/ADDRESS: Nike Missile BU-34/35/601 Willardshire Rd.	S M T 🕢 TH F S
WORK AREA LOCATION: Silo #2	SET#: 3239
MATERIALS REMOVED: Pripe Insulation and Erthinger None (prep)	PROJECT TYPE:
- Kets	Asbestos
Constitute Regboord	START TIME:
WHE INSUTATION	6730 END TIME:
	1500
CONTRACTOR: Allied SUPERVISOR: Mark Malony	NUMBER OF SAMPLES:
NUMBER OF WORKERS ON-SITE: 3	Cup
RESPIRATORY PROTECTION REQUIRED: PAPR RESPIRATORY PROTECTION USED BY CONTRACTOR:	6+2
SIENNA LICENSE POSTED: MONOMETER READING: NA	AM PM
AIR MONITOR CERTIFICATIONS POSTED:PUMP LOCATIONS CHECKED:	
TECHNICIAN: Craig Mikida PUMPS CALIBRATED:	
WORK AREA(S) SIZE: VISUAL INSPECTION OK: NA	
ENCLOSURE TYPE: NPE w/ glowbag abatement WAITING PERIOD REQUIRED: 4 hr	
SSV-18-0656	
PHASE OF WORK: B A C AIR RESULTS REVIEWED/POSTED: NA ANY HIGH LEVELS:	NA
OSHA PERSONALS TAKEN: DE DO AIR RESULTS REVIEWED: NA ANY HIGH LEVELS:	NA
NOTES: A set of the se	nd client
and Sean (Sienna) and Mark Lovejoy (Tantora) arrived	on site."
	nspection for
	ractor began
Setting up my air machines, airlock, and critical barriers	s. Sean left
site at 0930. Contractor started to line hard top du	imaster with
poly. Critical barriers applied per ICR 56-7.11(a) around v	ent held
poly, critical salidas applies but ton to mila storia y	la No
and elevator hatch. Airlock set up por ICR 56-7.5(d	1(3). Neg air
schup per ICR 56-7.8 and established at 1145. Hardwall	
be built and placed around my air exhaust. Took breek,	Contractor lining
Lumpster per ICR- 56-8.91g). Contractor built hardwall	structure around
nug air exhaust. Centractor Finished work and left site	Took fim 1
pump calibration and finished sampling at 1500.	munel paper
work and left site.	

Craig Mihr

808571 D.O.L. CERTIFICATION NUMBER



350 Elime.cod Ave. + Buffelo, NY 14222 P. 716-332.3134 F. 716.332.3136

LIENT/CONTACT: Tantara Corp. / Mark Love joy	DATE: 06/14/18
PROJECT NAME/ADDRESS: NIKe Missile BU-34/35/601 Willardshire Rd.	SMTW 🖉 FS
WORK AREA LOCATION: Silo #2	SET#: 3239
MATERIALS REMOVED: Pipe Insulation and Fittings	PROJECT TYPE:
Associated debris and sediment	Aspestos
	START TIME:
	6730
CONTRACTOR: Allie SUPERVISOR: Machan	1515
NUMBER OF WORKERS ON-SITE: 4	NUMBER OF SAMPLES:
	7+0
PAPR tull face respirator	1+2
SIENNA LICENSE POSTED: MONOMETER READING: -0, 021	_AM -0.018-M
AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED:	
TECHNICIAN: Craig Mikida PUMPS CALIBRATED:	
WORK AREA(S) SIZE: LA FOR VISUAL INSPECTION OK: NA	
ENCLOSURE TYPE: NPE w/ glovebag abatement WAITING PERIOD REQUIRED: NA	
SSV-18-4 CC 56 PHASE OF WORK: B P C AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS:	
	No
OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: NA ANY HIGH LEVELS:	NA
NOTES: Arrived on site at 6745. Met with contractor a	nd discussed
abatement plan for the day. Setup and calibrated pumps	st 0800. New
	tarted removing
associated dubris and subiment per SSV-18-0656. Jerer	
Army Core arrived on site and conducted walkthrough	
NIP	with juniara.
NRC also on site conducting work mor work area th	
dusty conditions. Entered work area at 1030 and visual	
removed sediment. Sediment removed per 35V-18-0656. h	lorkers removed
light fixture and determined they were filled with	water and oil.
Workers laid down drop cloth and were removing pi	pe insulation
Using glovebag. Workers were using glovebag, amended wa	
bagging wash per ICR 56-8.4. Took break. Workers	erationed
Safety white particular of the works	L leave l
to remove insulation. Entered work area at 1380, Gloveba	LI LI
it insulation per ICR 5C-8.4. Cleang up waster, drop	clothes, and
bagging waste. Removal of waste per ICR 56-8.9. Took	tinal calibration
and Finished sampling at 1500. Finished work and left	site 1515.
Craig MM 808571 SIGNATURE D.O.L. CERTIFICATION NUMBER	PAGEOF
SIGNATURE D.O.L. CERTIFICATION NUMBER	



350 Elma cod Ave. + Buffalo, NY 14222 P. 716-332.3134 F. 716.332.3136

LIENT/CONTACT: Taptara Corp. / Mark Lovejey	DATE: 06/18/18
PROJECT NAME/ADDRESS: Nike Missile BU-34/35/601 Willardshire Rd.	S MOT W TH F
WORK AREA LOCATION: Sile #2	SET#:
	3239
Cementitous Perboard	PROJECT TYPE:
Cerment/1003 reg bourd	Asbestos START TIME:
	0745
	END TIME:
CONTRACTOR: Allica SUPERVISOR: Mark Malarey	1630
NUMBER OF WORKERS ON-SITE: 4	NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED:	7+2
PAPR Full face	
SIENNA LICENSE POSTED: MONOMETER READING:	AMPM
AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED:	
ECHNICIAN: Craig Mikida PUMPS CALIBRATED:	
NORK AREA(S) SIZE: Large VISUAL INSPECTION OK: NA	
ENCLOSURE TYPE: NPE w/ glavebag abatement WAITING PERIOD REQUIRED: NA	
CSV = 18 = APEC	
C AIR RESULTS REVIEWED/POSTED: NA ANY HIGH LEVELS:	NA
DSHA PERSONALS TAKEN: 20 20 AIR RESULTS REVIEWED: NA ANY HIGH LEVELS:	NA
NOTES: A _1 A A A A A A A A A A A A A A A A A A	1 1. 1
	1 1
ibetement plan for the day. Set up, calibrated pumps	and beyon
sampling at 0800. Workers bugan abating work area	per ICR
56-8.4. Workers unscrewing peyboard, spraying amended v	water, and
bagging waste Workers also scrubbing pipes where pipe	insulation
vas remared. Took break. New worker on site checke	1 1 1
	id hard card.
Norkers continued to remove pegboard in personnel	room and
more light fixtures. Workers bacquing out waste	per ICR-8.9
ontractor finished for the day and left site. Task	final
calibration and finished sampling at 1600. Finished	ocour work
and left site at 1630	P-4 00011
and lat site at 1650	
Δ	
Craw Mr. 808571	PAGEOF



350 Elmie cod Ave. + Buffalo, NY 14222 P. 716-332.3134 F. 716.332.3136

LIENT/CONTACT: Tantara Corp. / Mark Love; ay	DATE: 06/19/18
PROJECT NAME/ADDRESS: Nike Missik BU-34/35 / Gol Willardship R.	
WORK AREA LOCATION: Sile #2	SET#:
MATERIALS REMOVED: Pipe Insulation and Fittings	9739 PROJECT TYPE:
Cementitous Pegboard	Asbestos
Wire Insulation	START TIME:
Gaskets	0730
	END TIME:
CONTRACTOR: Allied SUPERVISOR: Mark Malorey	NUMBER OF SAMPLES:
	2+2
PAPR Full	face 12+2
SIENNA LICENSE POSTED: MONOMETER READING:	AMPM
AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED:	
TECHNICIAN: Craig Mikida PUMPS CALIBRATED:	
WORK AREA(S) SIZE: Large VISUAL INSPECTION OK: NA	
ENCLOSURE TYPE: NPE w/ giorchag, SSV - 18 - 0656 WAITING PERIOD REQUIRED: 8 ho	OUTS
THASE OF WORK: B P A Ø AIR RESULTS REVIEWED/POSTED: NA ANY HIGH LEV	/ELS: NA
OSHA PERSONALS TAKEN: PE EX NA AIR RESULTS REVIEWED: NA ANY HIGH LEV	/ELS: N/A
NOTES: Arrived on site at 0730. Met with supervisor and	liscussed abatement
plan for the day. Contractor plans to finish abatement	and chan work
area making it their last full work day inside the w	vork area. In
accordance with SSV-18-0656 5 IWA's will be run	along with
OWA's normally run to count as charance samples. Su	et up, calibrated
pumps and bugan sampling at 0830. Workers bugan	abating work
area per ICR 56-8.4. Workers spraying amunded water	De Marian
pegboard, and bagging waste. Workers also scrubbing	avore and
popsale, are supply was in a latin Castrictor	pipes die
removing light fixtures and wire insulation. Contractor v	Mapping gaskup
and plans to remove gaskets with machinery through	eh elevator hatch
due to garket weight. Took break. Workers continu	red aboting work
are per ICR 56-8.4. Workers bagging out waste n	of a eccordance
with ICI 56-8.9. Workers using personal pick	up truck not
fined to transport waste to dumpster. Entered work area,	gross removal of
all ACM complete. Contractor Finished, left site. Took fina	1' collibration and
Finished sampling. Finished paper work and left site	at 1700.
SIGNATURE SO8571 D.O.L. CERTIFICATION NUMBER	page 1 of 1
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350 Elma cod Ave. • Buffalo, NY 14222 P 716-332.3134 F 716.332.3136

LIENT/CONTACT: Tantara Cora. / Mark Loveian	DATE: 06/20/18
ULENT/CONTACT: Tantara Corp. / Mark Lovejey PROJECT NAME/ADDRESS: NIKE Missile BU-34/35/601 Willordshire Rd. WORK AREA LOCATION: C. 1 # 2	SMT 202 THF
WORK AREA LOCATION: Silo #2	SET#: 3239
MATERIALS REMOVED: Pipe Insulation and Fittings + debus sediment	PROJECT TYPE:
Gaskets	Asbestos
Comentitious Registerd	START TIME:
Wire Insulation	0730
	END TIME:
CONTRACTOR: Allied SUPERVISOR: Mark Malorey	1200
NUMPER OF WORKERS ON SITE. 1	NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED: PAPR RESPIRATORY PROTECTION USED BY CONTRACTOR:	0
SIENNA LICENSE POSTED: MONOMETER READING:	_AMPM
AIR MONITOR CERTIFICATIONS POSTED:	
TECHNICIAN: Craig Mikida PUMPS CALIBRATED: NA	
WORK AREA(S) SIZE: VISUAL INSPECTION OK:	
ENCLOSURE TYPE: NPE w/ glovebag SSV - 18 - 0656 WAITING PERIOD REQUIRED: NA	
PHASE OF WORK: B P A Q AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS:	No
OSHA PERSONALS TAKEN: PE EX NA AIR RESULTS REVIEWED: NA ANY HIGH LEVELS:	NA
NOTES: Arrived on site at 0730. Sean from signa arrived as	mell. Met
with supervisor to conduct Project Monitor Visual Inspection.	
work area and minimal debris visible and chaned imm	(
Moniter Visual Inspection conducted per ICR 56-9.1(2)1	(1) and ASTM
standard E1368, Project Monitor Visual Inspection passed. Samples passed at 0936 and work area ready for	Clearance
samples passed at 0930 and work area ready for	- teor down.
Contractor began to break down work area per I	CR 56-9.3.
Neg air machines, equipment, and air lock removed for	
Gaskets also removed from work area and disposed of	and FOR Share
Cashers will remove from work area and erspould of	ptr _ ty 50 1.1
Remote decon moved off site and to next work area.	Remaining light
fixtures that were not accessible also removed. Aspustos s	ignage taken
down- Contractor Finished for the day and left site. Fi	nished opper
work and left site.	
- Craif mm 808571	PAGE OF
SIGNATURE D.O.L. ČERŤIFICATION NUMBER	



950 Elme cod Ave. + Buffalo, NY 14222 P. 716-992.9184 F. 716.332.9196

LIENT/CONTACT: Tantara Corp. / Mark Lovejey	DATE: 06/20/18
ROJECT NAME/ADDRESS: Nike Miscil BU-34/26/Col Willerishire RJ	SMT 😥 THF
ORK AREA LOCATION: Silo #3	SET#: 27.24
IATERIALS REMOVED: None (prop day)	PROJECT TYPE:
	Asbestos
	START TIME:
	600
	END TIME:
SUPERVISOR: Mark Malory	- 1730
UMBER OF WORKERS ON-SITE: 2	NUMBER OF SAMPLES:
SPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:	6+2
PAPR none	
ENNA LICENSE POSTED: / MONOMETER READING: NA	AMPM
R MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED:	
ECHNICIAN: Craix Mikida PUMPS CALIBRATED:	
ORK AREA(S) SIZE: O VISUAL INSPECTION OK: NA	
NCLOSURE TYPE: NPE v/ glovebacy, SSV-18-0652 MAITING PERIOD REQUIRED:	NA
HASE OF WORK: B & A C AIR RESULTS REVIEWED/POSTED: NA ANY HIGH LEVELS	NA
SHA PERSONALS TAKEN: PE EX NA AIR RESULTS REVIEWED: NA ANY HIGH LEVELS	
	out pres plan
- the day. Set up, collibrated pumps and bygan sampling	at 1030!
contractor set up remote deep per ICR 58-7.5 and	SSV - 18-065C.
forkers lowered equipment and my air machines down	into work area.
Porkers wrapped and remained grasterts per ICR 56-8.9. Co.	
The wider are removed day is particular the	Theory plans
apply 2 critical barriers, set up airlock, and	establish
wative air tomorrow. Contractor Finished work and left	site. look
inal collibration and finished sampling at 1030. Finished	poper work
nd left site.	



350 Elimw cold Ave. + Buffalo, NY 14222 P. 716-332.3134 F. 716-332.3136

LIENT/CONTACT: To la Cara /M	1 1 2.	DATE: 06/21/18
iuntara coip. / 11	ark Love of	00/21/10
NIKE MISIW	BU-34/35 /Gol Willardshire Rd.	CET#
		3239
MATERIALS REMOVED: Non (prop day	(]	PROJECT TYPE:
4 i ,		Asbustos
		START TIME:
		0730 END TIME:
		- 330
CONTRACTOR: Allico	SUPERVISOR: Mark Malony	NUMBER OF SAMPLES:
NUMBER OF WORKERS ON-SITE: 3	1	
RESPIRATORY PROTECTION REQUIRED: PAPR	RESPIRATORY PROTECTION USED BY CONTRACTOR:	7+2
SIENNA LICENSE POSTED:	MONOMETER READING:	AM PM
AIR MONITOR CERTIFICATIONS POSTED:	PUMP LOCATIONS CHECKED:	
TECHNICIAN:	PUMPS CALIBRATED:	
NORK AREA(S) SIZE:	VISUAL INSPECTION OK:	
INCLOSURE TYPE:		,
NPE w/ gloveboy,	SSV-18-0656 hours enconect 4 hours	3
PHASE OF WORK: B 🔊 A C AIR RI	ESULTS REVIEWED/POSTED: NA ANY HIGH LEVELS:	ALA
DSHA PERSONALS TAKEN: PE EX NA AIR RI		
	IV/A	NA
Notes: Arrived on site of	0730. Met with supervisor a	nd discussed
prop plan for the day.	Started sampling at 0800. V	Norkers set
lup critical barriers per		airlock, Workers
		sa put up
signage per ICR 56-7.		air at
100. Contractor finished U	p for the day and left s	ite. Took
that calibration and fin	ished sampling at your Film.	shed mader
wrk and left site 1330,		
She was		
Craig Mr	en e 17 (
SIGNATURE	D.O.L. CERTIFICATION NUMBER	PAGEOF



SIGNATURE

350 Elmwcod Ave. + Buffalo, NY 14222

ENVIRONMENTAL PROJECT DAILY REPORT

CLIENT/CONTACT: Tantara 06/25/18 DATE: Lorp Mork ove joy PROJECT NAME/ADDRESS: WillorIshire R2. -34 COL W TH F Nike 135 S M7 T S Missile RU WORK AREA LOCATION: SET#: S #3 3239 MATERIALS REMOVED: Insulation and PROJECT TYPE: ssociate Aspectos START TIME: 0736 END TIME: 1645 CONTRACTOR: SUPERVISOR: Alle Malony Mork NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 7+7 **RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:** PAPR face tull MONOMETER READING: SIENNA LICENSE POSTED: AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: PUMPS CALIBRATED: **TECHNICIAN:** Mikida Dic/ VISUAL INSPECTION OK: WORK AREA(S) SIZE: IA GI WAITING PERIOD REQUIRED: ENCLOSURE TYPE: NPT-NA -CC lovelag PHASE OF WORK: AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: в B С P OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NOTES: site with Trives On MA SUPERVISOR at 6730 1scussel Ga olan For 11 Set Cel 40 and 4+ 0800 Workers becon G \$50010 ine lebris romung 550--065 grea 00 cin a risual inspecte 0656 Worlars more per clo setting 2 An star UP Groun 1or ars strippin 0,00 Insula 0100 Cin ruying 00 061 gind 129 continue VOr Mon 1150 Gross DIDL Con for complete tractor DIAL 15 rost Took Si TIna ration Ca 0 G left 163 site Tintshe Pul 0 QG wor G ra. PAGE OF

D.O.L. CERTIFICATION NUMBER



ENVIRONMENTAL PROJECT DAILY REPORT

LIENT/CONTACT: DATE: Mark Tantara Coro 06 /ZG /18 Lowiey PROJECT NAME/ADDRESS: BU - 34 Nila 601 Willardshire Rd. Missile S Μ W 5 TH S WORK AREA LOCATION: SET#: #3 10 3239 MATERIALS REMOVED: Insulation Fittings an PROJECT TYPE: Per board ntitious spistos START TIME: 0745 END TIME: CONTRACTOR: Allied SUPERVISOR: Ma lone, Mark NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 📙 RESPIRATORY PROTECTION REQUIRED: PAPK 7+2 **RESPIRATORY PROTECTION USED BY CONTRACTOR:** MONOMETER READING: SIENNA LICENSE POSTED: AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: CRIS PUMPS CALIBRATED: Mikido WORK AREA(S) SIZE: VISUAL INSPECTION OK: Ca FG WAITING PERIOD REQUIRED: NA **ENCLOSURE TYPE:** SSU 1-18-0656 glovebs HASE OF WORK: AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: в Ρ С Ø NIA NIA OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NA NA NOTES: Met with Arrive at site 0745. 00 Supervisor 1SCUSSUS 60 for abatement 10 an calibrat 0 UD GND Dump 0800 insulation 41 San inc began Scrubbing any Dior remaining board ot Ots wa 201 56 a Contin Qn TIS ars Con G There to DAGFO tractor bag tor Lon Abora 90 TING Ca 1630 G pap. QA Craig I' 808571 OF PAGE

D.O.L. CERTIFICATION NUMBER



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350 Elm# cod Ave. + Buffalo, NY 14222 P 716-332.3134 F 716.332.3136

LIENT/CONTACT: DATE: 06/27/18 Tantara Coro . Mark Loverox **PROJECT NAME/ADDRESS:** Nike Missile Willardshire BU-34/35 Co S 200 TH F S Μ Т RJ. WORK AREA LOCATION: SET#: Silo #3 3239 MATERIALS REMOVED: Insulation 1:00 Fittings and PROJECT TYPE: Cementitious Pechard Aspestos Fixtures START TIME: Ligh GA insulation in 0745 END TIME: CONTRACTOR: Allie 645 SUPERVISOR: Malore Mark NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: RESPIRATORY PROTECTION USED BY CONTRACTOR: **RESPIRATORY PROTECTION REQUIRED:** 17+7NBACROR half MONOMETER READING: SIENNA LICENSE POSTED: AM ΡM PUMP LOCATIONS CHECKED: AIR MONITOR CERTIFICATIONS POSTED: **TECHNICIAN:** PUMPS CALIBRATED: Craic Mikida Lary VISUAL INSPECTION OK: NA WORK AREA(S) SIZE: WAITING PERIOD REQUIRED: **ENCLOSURE TYPE:** X NPF--18-0656 gloveboo hours 5511 ANY HIGH LEVELS: NA AIR RESULTS REVIEWED/POSTED: NA **PHASE OF WORK:** N С в Ρ OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: MA ANY HIGH LEVELS: NOTES: site 0745 on 0. Me with In SUDENISOF ISCUSSER an. for Contractor plan SSV-18-0656 GL la in accordance OWA Along with reculart samples tractor Ca pumos GA rean sampling 0800 and Inish CENING Sama DIQ time GAD 10-19-1 USUS workers becan removing boar 00 igh tures Worker anin Λ wast PRYINC and barding CR continues boor per rus and mone rula WITC bagged 25 OU 60 brua Jas tinishe abatement Wo 56 w HEPA Lebris an tini remaining 0. aning GA perio So OF wai tind tor and Gn Cali de. b 0 FINA 1630 inish Samp 9 00 100

808571 **D.O.L. CERTIFICATION NUMBER**

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ENVIRONMENTAL PROJECT DAILY REPORT

LIENT/CONTACT: DATE: lantara Mark 610 Love by PROJECT NAME/ADDRESS: ike 2 RJ S Μ ES F S lillardihire issi Т WORK AREA LOCATION: SET#: Silo # 4 3239 MATERIALS REMOVED: PROJECT TYPE: G Aspestos START TIME: 000 END TIME: 1645 CONTRACTOR: Alle SUPERVISOR: 1ark Malone NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: Ц RESPIRATORY PROTECTION USED BY CONTRACTOR: NA **RESPIRATORY PROTECTION REQUIRED:** Batte Done VIRSOD None MONOMETER READING: SIENNA LICENSE POSTED: IA AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: PUMPS CALIBRATED: **TECHNICIAN:** Mikida Rain WORK AREA(S) SIZE: VISUAL INSPECTION OK: IA 0 $\overline{}$ SSV - 18- OCSWAITING PERIOD REQUIRED: NIA **ENCLOSURE TYPE:** NPE glout w AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: NA PHASE OF WORK: Ø С В Α ANY HIGH LEVELS: OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: NΛ VA NOTES: Site FIVE 80 600 G bout e. SUPERVISOR omen 90 ner nine into wol 61 LOR BERC 121 DIS 0 ٢. POL ligh on 1 an 0 100 UIFIND 0. actor AM ha 00 hef. Site 0/ ADT SI. Cran 808571 m PAGE OF

D.O.L. CERTIFICATION NUMBER



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LIENT/CONTACT: Tantara Corp. / Mark Low; or	DATE: 06/78/18
PROJECT NAME/ADDRESS: NIKE Missile BU-34/35/COI Willardshire R.	ISMTWHFS
WORK AREA LOCATION: Sila #3	SET#:
	32.39 PROJECT TYPE:
Gaskets	Act alo
Cementitious Perboard	Asbustos START TIME:
Wire Insulation	0 800
	END TIME:
CONTRACTOR: Allied SUPERVISOR: Mark Malorey	200
NUMBER OF WORKERS ON-SITE: 4	NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED: half RESPIRATORY PROTECTION USED BY CONTRACTOR:	0
SIENNA LICENSE POSTED: MONOMETER READING:	AMPM
AIR MONITOR CERTIFICATIONS POSTED:	
TECHNICIAN: CRIV MIKIDA PUMPS CALIBRATED: NA	
WORK AREA(S) SIZE: LORN VISUAL INSPECTION OK:	
ENCLOSURE TYPE: NPE w/ glowbay, SSV-18-0656 WAITING PERIOD REQUIRED: NA	1 1 1 1 1 1 2 2 2 1 5 1 5 1 5 1
J	
PHASE OF WORK: B P A 🖉 AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVE	NO
OSHA PERSONALS TAKEN: PE EX NA AIR RESULTS REVIEWED: NA ANY HIGH LEVE	ELS: NA
NOTES: Arrived on site at 0800. Met with supervisor	to Conduct
Project Monitor Visual Inspection. Walked through v	
Visual Inspection conducted per ICR 5C-9.1(1)(1)	and ASTM
standard E1368. Project Moniter Visual Inspection pass samples passed at 0945 and work area ready for	ed. Choroncu
samples passed at 0945 and work area ready for	teor down.
Contractor been to break down work and our I	CR 56-9.3
New sir machines equipment and siclock amount for	nn work area.
Neg air machines, equipment, and airlock removed fr Remaining light fixtures that nere not accessible ai	so remard. Askestos
signage takin John . Contractor finished for the day	and left site.
Finished poper work and left site.	
	<u>.</u>
Craw MM 808571	PAGEOF
SIGNATURE SO 8571 D.O.L. CERTIFICATION NUMBER	PAGE UF



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CLIENT/CONTACT: DATE: un ove, la h **PROJECT NAME/ADDRESS:** S (M w TH F S KlineRa droro WORK AREA LOCATION: SET#: # 5 0 5239 MATERIALS REMOVED: PROJECT TYPE: START TIME: ര END TIME: 545 CONTRACTOR: Maloney SUPERVISOR: ar NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 7 1/2 **RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:** tace all SIENNA LICENSE POSTED: MONOMETER READING: AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: PUMPS CALIBRATED: **TECHNICIAN:** l VISUAL INSPECTION OK: WORK AREA(S) SIZE: NIA 14.00 WAITING PERIOD REQUIRED: ENCLOSURE TYPE: 0656 SSY -1 PHASE OF WORK: в Α С AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: OSHA PERSONALS TAKEN: _PE_EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NOTES: 20715 an Oh Ly in igns at 0 10 6 ai Co 0738 Δ servis Rn a wor e Do m 00 (a lunn ale 50 0 128 4 $\widehat{\mathcal{Q}}$ HS 0 100 M 9-11420 Ø PAGE____ OF___ SIGNATURE D.O.L. CERTIFICATION NUMBER



350 Elmwood Ave. + Buffalo, NY 14222 P 716-332 3134 F 716.332.3136

LIENT/CONTACT: DATE: 10 **PROJECT NAME/ADDRESS** S Μ W TH F S 10 WORK AREA LOCATION: SET#: 3239 MATERIALS REMOVED: PROJECT TYPE: MALA START TIME: leh 730 END TIME: 16 CONTRACTOR: SUPERVISOR: 01 NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: +2 RESPIRATORY PROTECTION REQUIRED: \ RESPIRATORY PROTECTION USED BY CONTRACTOR: 12 face ł 2 fale MONOMETER READING: SIENNA LICENSE POSTED: -0.19 AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: PUMPS CALIBRATED: **TECHNICIAN:** era 70 VISUAL INSPECTION OK: WORK AREA(S) SIZE WAITING PERIOD REQUIRED: **ENCLOSURE TYPE:** C 18-0656 NA **PHASE OF WORK:** С AIR RESULTS REVIEWED/POSTED: (A) ANY HIGH LEVELS: В Ρ OSHA PERSONALS TAKEN: _____E___EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NOTES: Meni 720 C 45 00 - all 0 00 an 1120 -30 00 NUA -es nito. 30-1 C ace Uma 250 ar au 8 ea 330 09-11420 PAGE OF 2 SIGNATURE D.O.L. CERTIFICATION NUMBER

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ENVIRONMENTAL PROJECT DAILY REPORT CONTINUATION SHEET

.NT/CONTACT: DATE: ove joy 18 an a 0 PROJECT NAME/ADDRESS: F S M W TH Ve BU 34 (\tilde{T}) S Missi Aurora N WORK AREA LOCATION: Silo#5 SET#: 3239 PROJECT TYPE: ACM PPE Contin 041 an Jec a Corru +00 90 a n mudo 0 W 5 Nor de 40 10 60 emen 15 a L P

pacis e love te C nor lanon. . 600 0 0 Nork ém 08 nr EX.

9-11420 D.O.L. CERTIFICATION NUMBER



350 Elmwood Ave. + Buffalo, NY 14222 P 716-332 3134 E 716 332 3136

LIENT/CONTACT: DATE: 7/11/18 Or an overion **PROJECT NAME/ADDRESS** S M Ŵ TH F Willa Т S D WORK AREA LOCATION: SET#: 0 # 323 C MATERIALS REMOVED: 40 traise PROJECT TYPE: START TIME: 730 END TIME: CONTRACTOR: SUPERVISOR: ones NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: RESPIRATORY PROTECTION REQUIRED: 1/2 +2 **RESPIRATORY PROTECTION USED BY CONTRACTOR:** all MONOMETER READING: SIENNA LICENSE POSTED: AM PM AIR MONITOR CERTIFICATIONS POSTED PUMP LOCATIONS CHECKED: PUMPS CALIBRATED: **TECHNICIAN:** 0 WORK AREA(S) SIZE: VISUAL INSPECTION OK: A 0 WAITING PERIOD REQUIRED: **ENCLOSURE TYPE:** -0656 IA **"HASE OF WORK:** (A)AIR RESULTS REVIEWED/POSTED: в P С ANY HIGH LEVELS: 0 OSHA PERSONALS TAKEN: ME EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: 14 NOTES: Non 30 Cign an 0 m 41 155 Pipelms, as well Willbagout 6 Jun tha Nº C 1 OF ike 0 ~7 al 0 w 230 .0 12 355 12 410 \odot 10aroc -Ph. 1 79 2 tomorrau 9-11420 () PAGE 1 OF Z SIGNATURE D.O.L. CERTIFICATION NUMBER

ENVIRONMENTAL PROJECT DAILY REPORT SIENNA ENVIRONMENTAL TECHNOLOGIES 350 Elmwood Ave. • Buffalo, NY 14222 IP 716-332.3134 F 716.332.3136 **CONTINUATION SHEET** NT/CONTACT: * DATE: 7 11 8 a nta **PROJECT NAME/ADDRESS:** 0ks M.ssile RI S ΤH F Μ Т S WORK AREA LOCATION: SET#: #5 **PROJECT TYPE** -Man, 40 a 600 120 a ß 6 omorrow 5 eQ ni we 0 Ð a PAGE LOFZ M9-11420 SIGNATURE D.O.L. CERTIFICATION NUMBER



350 Elmwood Ave. + Buffalo, NY 14222 P 716-932.3124 F 716.332.3136

LIENT/CONTACT: DATE: an oveiay AUN **PROJECT NAME/ADDRESS** ŝ M W TH. S F Missil P rdshire a WORK AREA LOCATION: SET#: # ð 5239 MATERIALS REMOVED: **PROJECT TYPE:** 6 START TIME: 0730 END TIME: 1500 CONTRACTOR: SUPERVISOR: ones Ø NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 1 RESPIRATORY PROTECTION USED BY CONTRACTOR THE **RESPIRATORY PROTECTION REQUIRED:** 12+2 full Fale MONOMETER READING SIENNA LICENSE POSTED: AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: **TECHNICIAN:** PUMPS CALIBRATED: VISUAL INSPECTION OK: WORK AREA(S) SIZE: Q WAITING PERIOD REQUIRED: **ENCLOSURE TYPE:** 18-0656 C C 17 haurs **HASE OF WORK:** (A) (c)AIR RESULTS REVIEWED/POSTED: No ANY HIGH LEVELS: P в OSHA PERSONALS TAKEN: AIR RESULTS REVIEWED: ANY HIGH LEVELS: EX NOTES: anitas 30 20 109 G na 43 b Ar 00 Ð 0087 0 ar 20 VD 70 es larance 00 -0 20 030 OL a 0 Ur. ß Ħ 0 40 1180 - Dike C area S WOI an 6 1500 Q a 09-11420 PAGE OF **D.O.L. CERTIFICATION NUMBER**



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LIENT/CONTACT: Tantara Corp. / Mark	Lovejoy	DATE: 07/1C/18
PROJECT NAME/ADDRESS: NIKe Missile BU	- 34/35/681 Willardshire Rd.	S 💋 T W TH F
NORK AREA LOCATION: Silo #5		SET#: 32.39
MATERIALS REMOVED: None (charances)		PROJECT TYPE:
		Asbestos
-		START TIME:
		0730 END TIME:
		1445
rilled	IPERVISOR: Mark Malorey	NUMBER OF SAMPLES:
NUMBER OF WORKERS ON-SITE: 3	· · · · · · · · · · · · · · · · · · ·	
RESPIRATORY PROTECTION REQUIRED:	SPIRATORY PROTECTION USED BY CONTRACTOR:	2+2
IENNA LICENSE POSTED:	MONOMETER READING:	AM PM
NIR MONITOR CERTIFICATIONS POSTED:	PUMP LOCATIONS CHECKED:	
ECHNICIAN: Craig Mikida	PUMPS CALIBRATED:	······································
VORK AREA(S) SIZE:	VISUAL INSPECTION OK:	
INCLOSURE TYPE: NPE w/ gloveby, SSI	1-18-065 WAITING PERIOD REQUIRED: NA	
0 01		
	S REVIEWED/POSTED: ANY HIGH LEVEL	S: KS
DSHA PERSONALS TAKEN: PE EX NA AIR RESULTS	S REVIEWED: NA ANY HIGH LEVEL	s: NA
IOTES: Arrived on site at 0730.1	Met with supervisor and a	liscussed that
		eclaning per
ICR 56-9.2(g)11 Workers Sprayer		minimize Justy
Conditions. Conducted Project M		TCR 56-9.1(2)
and ASTM E1368. Project M	lonitor Visual Inspection p	assed. Set up
sumos and bedan sampling at	0830. Started paper work	. Contractor
sign moving equipment over	to silo #4. Took break.	Contractor left
		1430. Finished
	and timisted sampling at	1130, linished
paper work and left site.		17 million Mar 1 a 1
l k		



950 Elm@cod.Ave. + Buffalo, NY 14222 P. 716-992.3194 F. 716.332.3196

ENVIRONMENTAL PROJECT DAILY REPORT

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LIENT/CONTACT: Tantara DATE: Cor Mark Love; oy 07/17/18 PROJECT NAME/ADDRESS: Nike RU-34/35/ COL Willardshire RJ. W ST S M TH F S WORK AREA LOCATION: Silo SET#: #4 #1 > 3230 MATERIALS REMOVED: PROJECT TYPE: Asbestos START TIME: 0730 END TIME: CONTRACTOR: Allied 1530 SUPERVISOR: Mark Malorey NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 3 6+2 **RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:** half none MONOMETER READING: SIENNA LICENSE POSTED: AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: Craig PUMPS CALIBRATED: Mikida WORK AREA(S) SIZE: U VISUAL INSPECTION OK: NIA - 18-06.5 WAITING PERIOD REQUIRED: 4 **ENCLOSURE TYPE:** NPF aloubo hours HASE OF WORK: AIR RESULTS REVIEWED/POSTED: 8 С В Α ANY HIGH LEVELS: N۵ OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NA NA NA NOTES: Arrive site at on 0730 that discusse with supervisor an samples oaster ers arco CATING work silo Kemote site deron moved on PInc AFOCK negative setting UD $-\kappa \alpha$ 30 air Gn 0900 Samo at tara # GA oping Sil ran on on ron sit Workers Cirlou an 1ative ting 1001 establish air 10 oer ontractor 430 1 00 41 56-7.1 also OLS GA GOOLIC P over barrus aroun doors Obols 1 01 1530 G Cray

18-50360

D.O.L. CERTIFICATION NUMBER

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350 Elmw cod Ave. + Buffalo, NY 14222 P 716-332.3134 F 716.332.3136

LIENT/CONTACT: Tantara DATE: 07/18/18 Corp / Mark Lovejo PROJECT NAME/ADDRESS: T 🕢 TH F R11-34/35 S Μ S like issile 01 Willardshire RJ. SET#: WORK AREA LOCATION: С # ila 3239 MATERIALS REMOVED: Fittings Insulation + associa adjunct ive Con PROJECT TYPE: Aspestos START TIME: 0745 END TIME: 1630 SUPERVISOR: CONTRACTOR: Allico Mark Maloney NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: **RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:** +2 half half MONOMETER READING: SIENNA LICENSE POSTED: PM AM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: **PUMPS CALIBRATED:** TECHNICIAN: Crain Mikida VISUAL INSPECTION OK: NA WORK AREA(S) SIZE: 0 aryo WAITING PERIOD REQUIRED: **ENCLOSURE TYPE:** SSV-18-0656 glovebar MA HASE OF WORK: AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: В Ρ A С No OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NA NA NA NOTES: AFFIVED 0745 SUPERVISOR 51 discussel on 0. with Gn. das samples Dan Ga 101 OUMO CR G Kers ontractor barrie 56-7.6 broan abe Sidimon an -5 More talk. insulation OF bear stripping lation waste bria (on amen and balaring 00 5 4 Oior 75055 remova tinis calibration at 60 Ina sampling GA 630 an S G, 1630 and S at te 00 Cray I Mich 18-50360 PAGE____OF____ DOI CERTIFICATION NUMBER



350 Elimwood Ave. + Buffalo, NY 14222 P 716-332.3134 F 716.332.3136

LIENT/CONTACT: Tentara Corp. / Mark Love; ex	DATE: 07/19/18
PROJECT NAME/ADDRESS: NIKE Missile BU-34/35/CO1 Willardshire Rd.	SMTW 75 FS
WORK AREA LOCATION: Sile #	SET#-
MATERIALS REMOVED: Cementitious Pegboard	- 32.39 PROJECT TYPE:
a million 1900.0	Aspestos
	START TIME:
	0730
	END TIME:
CONTRACTOR: Allied SUPERVISOR: Mark Maloney	- 1600
NUMBER OF WORKERS ON-SITE: 3	NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED: half RESPIRATORY PROTECTION USED BY CONTRACTOR: half	7+2
SIENNA LICENSE POSTED: MONOMETER READING:	AMPM
AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED:	
TECHNICIAN: Craig Mikida PUMPS CALIBRATED:	
WORK AREA(S) SIZE: VISUAL INSPECTION OK: NA	
ENCLOSURE TYPE: NPE w/ glowbag, SSV-18-0656 WAITING PERIOD REQUIRED: NA	
HASE OF WORK: B P S c AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS:	N Da
OSHA PERSONALS TAKEN: PE EX NA AIR RESULTS REVIEWED: NA ANY HIGH LEVELS:	
NOTES: Arrived on site at 0730. Met with supervisor and	discusad
abatement plan for the day. Set up pumps' and began	sampling at
0830. Workers began removing cumentitious persboard, spra	ying amended
water and bagging waster per Ick 56-8.4. Workers	continued to
enve perbord. Took break. Contractor continued to all our ICR 56-8.4. Workers began bagging out waste 8.9. Contractor finished for the day and left site	oute peoploard
our ICR 56-8.4. Workers began bagaing out waste	per ICR 56-
8.9. Contractor finished for the day cal left site	at 1600. Took
Final calibration and finished sampling at 1530. Finishe	d one of
and left site at 1600.	e poperioris
and with star at 1000,	

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LIENT/CONTACT: To La Contact Market	DATE: 07 Hallo
lantara OFP. / Mark Love, oy	01/23/18
MORK AREA LOCATION: COLOR	S 💋 T W TH F
MATERIALS REMOVED: (+ + + + + + + + + + + + + + + + + +	3239
MATERIALS REMOVED: Corrugated Pipe Insulation and Muddud Pipe Fittings	PROJECT TYPE:
+ sediment/debris	Asbestos
Cementitious Regboard	START TIME:
Gaskets The The	END TIME:
CONTRACTOR: ALL FIXTURES and Wire Insulation SUPERVISOR: M LL NA L	16.30
NUMBER OF WORKERS ON-SITE: M	NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:	12+2
half half	12+2
IENNA LICENSE POSTED: MONOMETER READING:	_AMPM
AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED:	
ECHNICIAN: Croig Mikido PUMPS CALIBRATED:	
VORK AREA(S) SIZE: VISUAL INSPECTION OK: NA	
NCLOSURE TYPE: NPE w/ glowbag, SSV-18-0656 WAITING PERIOD REQUIRED: 8 hours	1 1
HASE OF WORK: B P A C AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS:	No
AIR RESULTS REVIEWED: AIA ANY HIGH LEVELS:	NA
IOTES: Arrived on site at 0730. Met with supervisor and	discussed abatem
	gress charance
samples at 0830. Workers began remaining cumuntitious per boa	rd and light
ixtures. Contractor bagging waste per ICR 56-8.4. Workers	continued to
emore lights and cut out asbestos wire insulation. Gross	removal of
Il Acm complete Workers bagged out west per ICR	56-8.9 Enter
ark area at 1100- and saw minimal amounts of perphoan	Diarr
with another Tade Lack Casher about a line	e que pipe
relation remaining. Took brack. Contractor returned and began	scrubbing
siges and removing left over perces of perphoard around n	alls. Work area
pears to be clear at all ItcM. Visual Inspection to be	e conducted
1/25/18. Contractor left site. Trok final calibration and	finished samplin
+ 1630. Finished paper work and left site.	



350 Elmwood Ave. • Buffalo, NY 14222 (P) 716-332.3134 (P) 716-332.3136

DATE: 07/25/18 JOB # 3239 PROJE)F :
CLIENT/CONTACT: Tantara Corp. Mark L		
PROJECT NAME/ADDRESS: Nike Missile BU-	34/35/Col Willardshin Rd.	START TIME
WORK AREA LOCATION: Silo #4		0730
		END TIME
MATERIALS REMOVED: DOILER/TANK INSULATION TRANS		
OTHER Non lorep a		
CONTRACTOR: Alie SUPERVISO		600
	N: Craig Mikida	
PROJECT MONITOR (IF APPLICABLE): Craig Mikida		+2
	1	2
AIR MONITOR CERTIFICATIONS POSTED	PUMP LOCATIONS CHECKED V	· · · · · · · · · · · · · · · · · · ·
WORK AREA(S) SIZE Large	VISUAL INSPECTION OK	
# /		
ENCLOSURE ITPE INFE W/ groverag, 500	-18-0656 WAITING PERIOD REQUIRED 4	5015
PHASE OF WORK B 💋 A C AIR RESULT	S REVIEWED 🗸 ANY HIGH LEV	els No
P -		
OSHA PERSONALS TAKEN PE EX NA AIR RESULT	S REVIEWED NA ANY HIGH LEV	ELS IV /-1
	be la u	1 . 1
Notes: Asrived on site at 0730.	Plet with supervisor and i	conducted Project
Monitor Visual Inspection per	ICR 56-9.1(2)(1) and As	TM E1368. Project
Monitor Visual Inspection pass	ed for Silo #1. Contractor	bevan teardown
		t up pumps
	, Remote decan moved an	
ICR 56-7.5. Barrier tape a	no signage installed pet	LCK 96-1.7.
Steve (Sicno) arrived on s	ite at 0945 and cond	ucted satety
wolkthrough. Steve left 1045	. Contractor lowered equip	ment into Sila
#4 and began setting up	critical barries, sirlock	, and negative
air. Took break. Workers appli	ed poly over hardwall	barrier surrounding
ehvotor Loop, Workers surre	airlack Critical barriers	and airlack
installed are TIR 56-711	Contractor established and	the air ar
installed per Ick 56-7.11.	TTL L	L' I Fuil
ICR 56-7.8 Contractor lut		
sanding at 1530. Finited p	sper nork and left	site.



ENVIRONMENTAL PROJECT DAILY REPORT

		DATE: CD /DC //C
LIENT/CONTACT: Tantara Corp. / Mark Lu	cjoy	DATE: 67/26/18
PROJECT NAME/ADDRESS: NIKe MISSILe BU-34	35/COI Willardshin Rd.	S M T W LF F S
WORK AREA LOCATION: Sile #4		3239
MATERIALS REMOVED: Pipe Insulation and M	rulled Fittings + sectiment	PROJECT TYPE:
		Asbustos
		START TIME: 0730
		END TIME:
CONTRACTOR: 011.: SUPERV	ISOR•	1630
	Mark Malorey	NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED: 1 RESPIRA		7+2
RESPIRATORY PROTECTION REQUIRED: helf	TORY PROTECTION USED BY CONTRACTOR:	12
SIENNA LICENSE POSTED:	MONOMETER READING:	_AMPM
AIR MONITOR CERTIFICATIONS POSTED:	PUMP LOCATIONS CHECKED:	
TECHNICIAN: Graig Mikida	PUMPS CALIBRATED:	
WORK AREA(S) SIZE:	VISUAL INSPECTION OK: NA	
ENCLOSURE TYPE: NPE w/ glowby SSV-18	-065 WAITING PERIOD REQUIRED: NA	
0 0 1		
		Nð
OSHA PERSONALS TAKEN: PE EX NA AIR RESULTS REV	IEWED: NA ANY HIGH LEVELS:	NA
NOTES: Arrived on site at 0730.	Met with supervisor on	1 discussed
abotement plan for the day.		
pique insulation debris. Workers	loid down drop cloths	and bygan
betting up glovebags. Workers	began stripping gipe	Insulation
and begging waste per ICR	56-8.4. Took break.	Contractor
continued to remove pipe ,	-sulation. Workers scraping	and Scrubbin
	n remained. Gross remova	1 of pipe
	Car	
^		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
C	-/ .	ration and
thisted sampling at 1630.	Finished paper work	and left
sítu.		
	1- 5050	
CIGNATURE	D.O.L. CERTIFICATION NUMBER	PAGEOF
	AND	

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ENVIRONMENTAL PROJECT DAILY REPORT

LIENT/CONTACT: DATE: Loveisy 61 30 Corp. Mark lastara **PROJECT NAME/ADDRESS:** 4001 WillarJshire S M W Missile RJ. TH F S ()-34/35 WORK AREA LOCATION: SET#: C 3239 MATERIALS REMOVED: Per boar mentitious PROJECT TYPE: Asbestos START TIME: 0730 END TIME: 1630 CONTRACTOR: SUPERVISOR: Mark Malory 4/100 NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: U 1+7 **RESPIRATORY PROTECTION USED BY CONTRACTOR: RESPIRATORY PROTECTION REQUIRED:** half half MONOMETER READING: SIENNA LICENSE POSTED: AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: **TECHNICIAN:** PUMPS CALIBRATED: Croig TIKIJa 11 VISUAL INSPECTION OK: WORK AREA(S) SIZE: NA 00 WAITING PERIOD REQUIRED: **ENCLOSURE TYPE:** loveba NA A HASE OF WORK: AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: Р С в No OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NOTES: with Arrive 510 91 On 0730 SUDERVISOR an. 1SCUSE olan 2 AUMAS 0 noan scholin D 0830 entractor romoving Deaboard ind ot Ick 6001 an. Jas OOK Workers rak orkus also rubbing Contini pipes an removing MINIMA insulation Workers neoring/ Icr -7.5 Gn DIPL Lon Works leaning bagging WOF arca 90 Fina ca 630 sit SGM popes 9 11 rouf I 1Vh 18-50360 PAGE___OF___

DOI CEDTIEICATION MILINARED



P 716-332 3134 F 716 332 3136

LIENT/CONTACT: DATE: Corp 07/31 antara Love joy 118 Mark **PROJECT NAME/ADDRESS:** 35/601 BU-34 Missil Villardshire S Μ 🖸 W TH F SIL RI S SET#: WORK AREA LOCATION: Cilo 3239 MATERIALS REMOVED: + Lich Insubtion Tixtures PROJECT TYPE: Perboard Comentitious tsburtos START TIME: 0730 END TIME: 600 SUPERVISOR: CONTRACTOR: Allied Mark Maloney NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 2 12+7 **RESPIRATORY PROTECTION USED BY CONTRACTOR: RESPIRATORY PROTECTION REQUIRED:** half half MONOMETER READING: SIENNA LICENSE POSTED: AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: Crat PUMPS CALIBRATED: Mikido VISUAL INSPECTION OK: NA WORK AREA(S) SIZE: 000 8-0656 WAITING PERIOD REQUIRED: ENCLOSURE TYPE: NPE glowbay hours **`HASE OF WORK:** R AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: Ρ С в No ANY HIGH LEVELS: NA OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: Na NA NOTES: rivo 0730. at Iscussed on with SUDERVISOR an aba olan OUMPS an began progress somples at 0830 on tractor began ixtures MOVINY icht clipping Knocking insulation. Workers off lights GA WITES an ICR 56-Der Waste WORKUS 0150 bayying TINIShind abotine complete 011 ACM 160 DUN evidence ot brak 12MOI through sitting O BLES Water 01 insulatio 0 tixtures light Gruun tructures and wall on 00 routor cka area VISUG work ano re tor rection al hou period 55 TINISH Tina 530 GOUL sampling G 0360 tha ml 705 inv and 6 morrow oft site Craif 8-50360 m PAGE___OF ONTAUTAOPO



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	DATE
LIENT/CONTACT: Tantara Corp. / Mark Lowjoy	DATE: 08/01/18
PROJECT NAIME/ADDRESS. Nike Missile BU-34/35/69 Willerdshire Rd.	S M T 🖉 TH F S
WORK AREA LOCATION: Silo 4 Exterior	3239
MATERIALS REMOVED: Comentitious Pipe	PROJECT TYPE:
· · · · · · · · · · · · · · · · · · ·	Asbestos
	START TIME:
	END TIME:
CONTRACTOR: Allied SUPERVISOR: Mark Malorey	1700
NUMBER OF WORKERS ON-SITE: 3	NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED: half RESPIRATORY PROTECTION USED BY CONTRACTOR: half	7+2
	AMPM
AIR MONITOR CERTIFICATIONS POSTED:	
TECHNICIAN: Craig MIKIda PUMPS CALIBRATED: WORK AREA(S) SIZE: Large VISUAL INSPECTION OK: ENCLOSURE TYPE: SSV-18-0656 WAITING PERIOD REQUIRED:	
ENCLOSURE TYPE: SSV-18-0656 WAITING PERIOD REQUIRED: NA	
HASE OF WORK: B P & C AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS	5: No
OSHA PERSONALS TAKEN: PE EX NA AIR RESULTS REVIEWED: NA ANY HIGH LEVELS	
NOTES: Arrived on site at 0730. Met with supervisor and e	onducted visual
inspection. Project Monitor Visual Inspection conducted per ICR	56 - 9.1(1)(1)
and ASTM FIBGE Project Monitor Visual Inspection passed	Here Bentals
inspection. Project Monitor Visual Inspection conducted per ICR and ASTM E1368. Project Monitor Visual Inspection passed. arrived on site and delivered excavator to Allied. Contract	or cet up
Lassie have bee TVR FC=74 for askein and A value the	Free optimed
barrier tope per ICR 56-7.4 for exterior work. Woodsmith	
on site and installed chainlink fence around silo 4. 1000	Clearance
samples passed for silo 4 interior. Set up pumps and by	ran sampling
at 1000 for silo 4 exterior work. Contractor pulled equipmen	t, neg air
machines, and air lock out of Silo 4. Decon stayed on s	rite for Silo 4
exterior work. Workers began exploratory dig to try to	locate cumentitious
pipe. Excavator broke. Here Rentals arrived on site to 1	Fix machine. look
break. Workers returned and continued exploratory Ligging. (contractor not
wearing PPE or using water and Tantara workers on	site helping
acate proc. Told Allied PPE and water needs to be	used who
ocate prpc. Told Allied PPE and water needs to be they are digging and told Tantara they are not a	thered in horning
trace world are lacked to be larked and larked	when balled
tope work area. Workers located pipe. Workers began	
SIGNATURE DOL CEDTIEICATION NUMBER	



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ENVIRONMENTAL PROJECT DAILY REPORT CONTINUATION SHEET

ENT/CONTACT: Tantara DATE: Corp / Mark Love; or Willerdshire RJ. / Nike 08/01/18 Musile PROJECT NAME/ADDRESS: 601 BU-JH/2 S M T 🛷 TH F S WORK AREA LOCATION: Silo SET#: 32.39 Exterior 4 PROJECT TYPE: Asbustos

sections of cementitious pipe and double propping i Contractor Finished for the day and left site. Took collibration and finished sampling at 1700. Finished popur poly. in collibration on Der Gr. site. lift Cray MM PAGE ROF R 18-50360

DOL CERTIFICATION NUMBER



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08/02/18 LIENT/CONTACT: DATE: lantara BU-34/35/601 Mark Coro **PROJECT NAME/ADDRESS:** Nike Missile S M T W THE F S Willardshire RJ. WORK AREA LOCATION: SET#: Si Exterior 3239 MATERIALS REMOVED: Pipe titious PROJECT TYPE: Aspestos START TIME: 0730 END TIME: 630 CONTRACTOR: Allied SUPERVISOR: Mark Malone NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 3 7+7 **RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:** half half MONOMETER READING: SIENNA LICENSE POSTED: NA AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: Craig PUMPS CALIBRATED: Mikida WORK AREA(S) SIZE: VISUAL INSPECTION OK: WAITING PERIOD REQUIRED: NA ENCLOSURE TYPE: SSI/-18-0656 **"HASE OF WORK:** AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: В С No OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NA NA NA NOTES: site rrived Gt on with LISCUSSIO 0730 SUPERVISOF and 050 olan tor th Sumpling and DNG oumos brought equipment Contractor 90 01 000 movind excoust an GIT Ser ock. 105 star 100 proxinc rappind Gn Srolan 1sial. STODES over Sut 01 AM 00 orkus Con VAR: 56 n tractor pur GA DO dumpster Sarre DAP Into 10 11SUC SUPERVISOR INSOCI PX-G COS and 3 FINISHE site Ó 1215 Cray Mim 18-50360 PAGE OF CNATIDE DOI CERTIFICATION NUMBER



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LIENT/CONTACT: Tantara DATE: Loveiny 08/06/ Mark 610 PROJECT NAME/ADDRESS: 601 Mike S BU-34/35 N Т W TH F S Missile WORK AREA LOCATION: Silo SET#: Exterior 3239 MATERIALS REMOVED: tions Pipe PROJECT TYPE: Asbestos START TIME: 0730 END TIME: 1630 CONTRACTOR: SUPERVISOR: Maloney Allie Mark NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 3 7+2 **RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:** half half SIENNA LICENSE POSTED: MONOMETER READING: VA AM PM AIR MONITOR CERTIFICATIONS POSTED PUMP LOCATIONS CHECKED: TECHNICIAN: Crain PUMPS CALIBRATED: MIKIZG VISUAL INSPECTION OK: WORK AREA(S) SIZE: QT. ENCLOSURE TYPE: WAITING PERIOD REQUIRED: 8-06.56 NIA **`HASE OF WORK:** R AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: В Ρ С V, OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NA A NA NOTES: Arrived 0730. site at Mut Un with Iscussed Jupenvisr and aba plan to. UD Dumps buran sameling 0 and -7.5 Site ntrac mores OA 25 tope Gn Signage SKARL Norkers 51 9 condur wallsthrough Jusan cakind into Sections Oth Construction around WOr Luting Dossil Con to Samples -11.5 invel VIJUN ins oution with picies Passe lining Lumpster mou 1000 wes backfilles tractor Contractor Lon exicu arco 10 wo site das and 62 site. 630 tini GPU 8-50360 OF PAGE SIGNATURE DOI CEDTIEICATION NILINADED



LIENT/CONTACT: Corp. DATE: lantara 08/107/18 Mark Lovior PROJECT NAME/ADDRESS: · BU-34/35/601 Willardshire Rd. Q W S M TH F S Misci SET#: WORK AREA LOCATION: Fregior 3239 MATERIALS REMOVED: Pipe titious PROJECT TYPE: Aspestos START TIME: 6730 END TIME: 6.30 CONTRACTOR: Allied Mccullough SUPERVISOR: Frank NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 2 7+2 **RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:** half half SIENNA LICENSE POSTED: MONOMETER READING: NIA AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: **PUMPS CALIBRATED:** MIKILO 101 VISUAL INSPECTION OK: WORK AREA(S) SIZE WAITING PERIOD REQUIRED: NA ENCLOSURE TYPE: SSV-8 -0656 HASE OF WORK: AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: В P С No AIR RESULTS REVIEWED: OSHA PERSONALS TAKEN: PE EX ANY HIGH LEVELS: NA NA NOTES: site at rived with 00 0730. Met dis custo SUPCEVISOF 00 for the Dlan DUMOS Sampling UD and start at ntracto Set 56-7.4 SIGING ICR barrel and Ĩ Mor 56 -7 5 105 On per broking into sections and point [Grtia 50 bac SUG 001 Kers 500 Gno 1101 10 ela remove 16 kers ICR 550-0,00 and to PPE ICR ontrac luckel Prince inspection VUUG SUDIEVISOF was 500000 40 muc TOPOC. Junosta backfille 1xcavates actor stion and ste ibuk na Gnd Finishe 1630 site IN1 6 WH w and Mille 8-50360 SIGNATURE PAGE OF

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LIENT/CONTACT: Tantara Corp. / Mark Love; oy	DATE: BR The la
PROJECT NAME/ADDRESS: Nike Missile BU-34/35/601 Willerdshire RJ.	DATE: 08/08/18 SMT & THFS
WORK AREA LOCATION: Sile 3 Extense	CET#.
MATERIALS REMOVED: Committions Pipe	PROJECT TYPE:
	Asbestos
4	START TIME:
	6736
	END TIME:
CONTRACTOR: Allied SUPERVISOR: Frank McCullough	NUMBER OF SAMPLES:
NUMBER OF WORKERS ON-SITE: 3	7+2
RESPIRATORY PROTECTION REQUIRED: half RESPIRATORY PROTECTION USED BY CONTRACTOR: half	176
SIENNA LICENSE POSTED: MONOMETER READING:	AMPM
AIR MONITOR CERTIFICATIONS POSTED: / PUMP LOCATIONS CHECKED: /	
TECHNICIAN: CALL MIKIJA PUMPS CALIBRATED:	
WORK AREA(S) SIZE: 20134	
ENCLOSURE TYPE: SSV-18-0656 WAITING PERIOD REQUIRED: NA	
HASE OF WORK: B P S C AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS	: Araki V
	porde les
	10/1
NOTES: Arrivel on site at 0730. Mut with supervisor and	
plan for the day. Set up pumps and bugan sampling at	- 0830. Contract
set up barrier tape and signage per ICR 56-7.4.	Workers moved
decon on site per ICR 56-7.5. Silo 1 Exterior samples	came back
overloaded so samples will have to be rerun. Workers st	orted excousting
pipe, breaking into sections, wetting it, and double wro	ppine it in
poly. Weather delayed work. Partially passed visual so v	there could
backfill trench where pipe had been removed. Took brea	K. WORKY
Continued to remove pipe per ICR 56-11.5 and SV-1	
bogged waste moved to d'impiter per ICR 56-8.9. Visi	
majority of the work area so contractor could backfill	
resume and finish pipe abatement tomorrow. Contractor lef	
Final collibration and finished sampling at 1630. Finished	
and left site at 1700.	1 1
Cray mill 18-5036.	1 1
SIGNATURE D.O.L. CERTIFICATION NUMBER	PAGEOF



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LIENT/CONTACT: Tantara DATE: Corp. Love joy Mark 08/09/18 BU-34/35/COI Willardshir PROJECT NAME/ADDRESS: WEFF Nike Missil S M S RJ WORK AREA LOCATION: SET#: Exterior 3 3239 MATERIALS REMOVED: Comptitious Pipe PROJECT TYPE: Aspestos START TIME: 0730 END TIME: 16.30 Allie CONTRACTOR: SUPERVISOR: Frank McCullough NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 3 7+2 RESPIRATORY PROTECTION REQUIRED: **RESPIRATORY PROTECTION USED BY CONTRACTOR:** holf half SIENNA LICENSE POSTED: MONOMETER READING: NA AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: PUMPS CALIBRATED: Craid **TECHNICIAN:** VIKIJG VISUAL INSPECTION OK: WORK AREA(S) SIZE: GRR WAITING PERIOD REQUIRED: ENCLOSURE TYPE: NA SSV-18-0656 HASE OF WORK: AIR RESULTS REVIEWED/POSTED: SC ANY HIGH LEVELS: В Ρ No OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NA NA NA NOTES: at 0730, with site On SUDISVISOF LISCUSA Arrived 00 for nlan Lay Se Samoli UD oumos at 00 Gnd 150 SU 00 DUMOS bucon cle re-running aronce Samo 5,10 Silo Exterior Tinisha Contractor a ba-3 Privet th SUDERVISOF isua Das aboteme Silo Exterior 5 More sta tind con 51-7.5 BIKUS sit UD Samer taou and look break orkus susting ume ex 20 into Sections witting Dioc Gn DDing 10 Ic PPE our continued DO LORING KMOUL TCR 50 SSV--11. 5 065 6 Istation an DUDL 0 ina Cal Silo Exterior 1600 tiniste samp orkus and 61 6000 picces Gn broken Gn waste DIPC RICOLA WEAPpel finistes for the entractor an 0 1.01 ne finist tina 130 ntion an 61 norh compli 20 PAGE OF neu 8-50360 SIGNATURE D.O.L. CERTIFICATION NUMBER



P 716-332 3134 F 716 332 3136

ENVIRONMENTAL PROJECT DAILY REPORT

LIENT/CONTACT: DATE: 08/13/18 Lovijo Mark antoro **PROJECT NAME/ADDRESS:** BU-3435/601 Willordshire S W TH F S RJ. 171 SET#: WORK AREA LOCATION: Exterior 3239 MATERIALS REMOVED: Pipe +1 +1005 PROJECT TYPE: Asbestos START TIME: 0130 END TIME: 30 SUPERVISOR: CONTRACTOR: Alled McCullough Fronk NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 3 **RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:** +7 half half SIENNA LICENSE POSTED: MONOMETER READING: NA AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: PUMPS CALIBRATED: **TECHNICIAN:** Croig likida VISUAL INSPECTION OK: WORK AREA(S) SIZE: 510 WAITING PERIOD REQUIRED: ENCLOSURE TYPE: NA 18-0656 HASE OF WORK: AIR RESULTS REVIEWED/POSTED: R С ANY HIGH LEVELS: в P No OSHA PERSONALS TAKEN: PE EX Na AIR RESULTS REVIEWED: ANY HIGH LEVELS: NA NA NOTES: Trives 0730, 00 SIte at with SUPERVISOR liscussed and abotemen tor the plan day. UP oumos sampl ind Gn tinished for Silo 5 ontractor abatant Exterior 01 Workers TCR wrapped/bagged Acm dumpster 56-8.9 more waste to per VISUG Inspection 0 Supervisor inspection with eu Monitar Lond Exterior Dass Sugar absternen SI Workers moved on LCR 56 1.5. Wor berrier and ters TOPL CKS 56 SIC look bra orkus Qno ucan tine to the Ground evide 0 vating 10 Sny bior. demo-ed backfilled of Cond Silo Privious amounts ions OA minimal CONTRACTOR SPACE continued ot tour nor rus +0 105 rmore SSL 1 - 18 - 065WOF and 6 , res barred Gn broken the tinutud Contractor 1001 tor Lay and 1630. sampling Finishe an Ina at cal Inistre 16ration and 18-50360 min PAGE___OF

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LIENT/CONTACT: DATE: 08/14/18 Corp. lantara Mark Lovery PROJECT NAME/ADDRESS: Willardshire Q BU-34/35/60 RJ. S W TH F USIL M S SET#: WORK AREA LOCATION: Exterior 32.39 MATERIALS REMOVED: Pipe 2 mentitious PROJECT TYPE: Asbustos START TIME: 6730 END TIME: 30 CONTRACTOR: Alled SUPERVISOR: Mccollough Frank NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 3 1+2 **RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:** half half MONOMETER READING: SIENNA LICENSE POSTED: /A AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: PUMPS CALIBRATED: **TECHNICIAN:** MIKI raid 10 VISUAL INSPECTION OK: WORK AREA(S) SIZE: 010 WAITING PERIOD REQUIRED: ENCLOSURE TYPE: IA -0656 0 A **HASE OF WORK:** ANY HIGH LEVELS: B P С AIR RESULTS REVIEWED/POSTED: 110 OSHA PERSONALS TAKEN: PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NA NA NOTES: site with on at 0730. let rrived SUPERINSOF 150 USSed Gr. a60 olar 9n UD PUMOS beron sampling at da 0830 budan looking ontractor PREGUSTING tor arround an remains rokin orkers occasiona. oicce DIDE smal 0 PIPC Inding hettin Contractor diccino pro; them an Deutino WOF man SUG ans OUK 6 batemin CUS. Continue 70 01 0 our Lon 56 06 VISU inspection JCt 100 previous 10 MO 40 In 4 not ho run Cl men of On minima bretan DIBC 2 ocution Dassi 00 100 al 56 01 R mos (le ontractor ting NOS 60 51 te 10 tion cno OGOL 4 56 Inutre 18-50360 rau PAGE___OF__ SIGNATURE D.O.L. CERTIFICATION NUMBER



Tantara Carol Markel 10-	V	DATE: 10/15/18
PROJECT NAME/ADDRESS: Nike Miscila B11-24/2	Ell i culto pl clip. Pl	S M T W TH F
CLIENT/CONTACT: Tantara Corp/Mark Lover PROJECT NAME/ADDRESS: Nike Missile BU-34/3 NORK AREA LOCATION: Sile 6 Interior	5/60 Willard Shire Na.	SET#:
MATERIALS REMOVED: acrosse insulation		
and insulation		PROJECT TYPE:
		ACM
······		END TIME:
		1700
SUPERVISC SUPERVISC	DR: Frank Mccullough	NUMBER OF SAMPLES:
5	RY PROTECTION USED BY CONTRACTOR:	7.5
	12 Face	7+2
IENNA LICENSE POSTED:	MONOMETER READING:	AM PM
IR MONITOR CERTIFICATIONS POSTED:	PUMP LOCATIONS CHECKED:	
ECHNICIAN: Matt Zetkle	PUMPS CALIBRATED:	
VOPK ADEA/S) SIZE:	VISUAL INSPECTION OK:	
VOIN ANLA(J) JILL. I LAAA	N/a	
	WAITING REPIOD REQUIRED	
NCLOSURE TYPE: 11.5 HASE OF WORK: B @ A C AIR RESULTS REVIEW ISHA PERSONALS TAKEN: PE EX N/a AIR RESULTS REVIEW OTES: Arrined on site at 0800. met iscussed scope of work for the proj	WAITING PERIOD REQUIRED: N/a NED/POSTED: N/a ANY HIGH L NED: N/a ANY HIGH L WED: N/a ANY HIGH L WITH Project manage ett. Today preperation	EVELS: N/a EVELS: N/a er Sean and to remore affecto
ANCLOSURE TYPE: 11.5 HASE OF WORK: B @ A C AIR RESULTS REVIEW DSHA PERSONALS TAKEN: PE EX N/a AIR RESULTS REVIEW NOTES: Arrined on Site at 0800. Met L'Scussed scape of work for the proj antaminated dail, and transite p at 0900 all pumps. Were set up alistement crew waited for exca aiping in missile Sile 5 would be und finished at 15:00 added Misual inspection. at \$1530	WAITING PERIOD REQUIRED: N/a NED/POSTED: N/a ANY HIGH L WED: N/a ANY HIGH L WED: N/a ANY HIGH L WED: N/a ANY HIGH L WITH Project manage ext. Today preperation egboard would be can egboard would be can in worksite area. I water to arrine onsite a removed. At 13:00, C. Upon finishing pre- excavator was use	EVELS: N/a EVELS: N/a er Sean and to remore affresta ried out, and remo rom 9:00-11:00 . Supervisor Stated remonal of piping ofect maritor a to lighten
ANCLOSURE TYPE: 11.5 HASE OF WORK: B @ A C AIR RESULTS REVIEW DSHA PERSONALS TAKEN: PE EX N/a AIR RESULTS REVIEW DOTES: arrived on site at 0800. Met L'Scussed scape of work for the proj antaminated sail, and for the proj antaminated sail, and transite p at 0900 all pumps. Were set up alistement crew waited for sica aiping in missile sile. 5 would be used started, and finished at 15:00 added Misual inspection. at \$1530 contaminated Sail in missile site	WAITING PERIOD REQUIRED: N/a NED/POSTED: N/a ANY HIGH L WED: N/A ANY H	EVELS: N/a EVELS: N/a er Sean and to remore affresta ried out, and remo rom 9:00-11:00 . Supervisor Atoted remonal of piping ofect mariton a to lighten files ceased.
HASE OF WORK: B P A C AIR RESULTS REVIEW	WAITING PERIOD REQUIRED: N/a NED/POSTED: N/a ANY HIGH L WED: N/A ANY H	EVELS: N/a EVELS: N/a er Sean and to remore affresta ried out, and remo rom 9:00-11:00 . Supervisor Atoted remonal of piping ofect mariton a to lighten files ceased.



CLIENT/CONTACT: TantataCorp./Mar	k lave: an	DATE: 10/16/18
PROJECT NAME/ADDRESS: Nike Missile By	L-34/35/601 Willardshire Rd.	S M T W TH F
WORK AREA LOCATION: Silo & Exterior		SET#: 2 222
MATERIALS REMOVED: NOR		PROJECT TYPE:
1.0710		ACM
	and the second se	START TIME:
		0700
		END TIME:
CONTRACTOR: Allied	SUPERVISOR:	1645
NUMBER OF WORKERS ON-SITE: 2	SUPERVISOR: Frank Mccullough	NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED:	RESPIRATORY PROTECTION USED BY CONTRACTOR:	0
halt mask	fuil face	9
	MONOMETER READING:	
AIR MONITOR CERTIFICATIONS POSTED:	PUMP LOCATIONS CHECKED:	
TECHNICIAN: Mattzerkle	PUMPS CALIBRATED:	
WORK AREA(S) SIZE: Large	VISUAL INSPECTION OK: N/A	
ENCLOSURE TYPE: SSV-18-0656	WAITING PERIOD REQUIRED: N/A	
at 1020 a truck arrived wi	the Soundust, Soundust und de atteninated Sail. contaminated	imped into
	ligercanator. at 1300 crew	
monitor took bunch, at 133	a Stene Drosdougki, health a	I sagety specialist.
	tour of site , at 1400 he lef	
	ating more contaminated soil, and	
checked on Samples, all where su	nning properly, at 1600 workers be	It field site , pulled
light samples at 1630 Lagart day	ly volume. Seft field site at 16	
for a survey of the former	0.0	45 to bring samples
back to the office		45 to bring samples
back to the office		45 to bring samplet
back to the office	18-54218	PAGE OF



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CLIENT/CONTACT: Tattaba data / Mar	k i veiov	DATE: 10/17/18
PROJECT NAME/ADDRESS: 11/2 Missile Project NAME/ADDRESS:		SMT (W) THFS
WORK AREA LOCATION: Sile & Exterior/For	-34/35/601 willardshiterd	SET#:
MATERIALS REMOVED: ALONO	erior	3239
MATERIALS REMOVED: NONE		PROJECT TYPE:
	122	ACM
		07/0
		END TIME:
CONTRACTOR		1709
CONTRACTOR: Allied	SUPERVISOR: Frank McCullough	NUMBER OF SAMPLES:
NUMBER OF WORKERS ON-SITE: 3		
RESPIRATORY PROTECTION REQUIRED:	RESPIRATORY PROTECTION USED BY CONTRACTOR:	7
SIENNA LICENSE POSTED:	HONOMETER READING:	AM PM
	PUMP LOCATIONS CHECKED:	
	PUMPS CALIBRATED:	
TECHNICIAN: Mattzerkle	VISUAL INSPECTION OK: N/A	
WORK AREA(S) SIZE: Latge		
ENCLOSURE TYPE: JS V-18_0656	WAITING PERIOD REQUIRED: NA	
NOTES		EVELS: NO EVELS: NO allied to arrive
andite. at 0800 allies arrived	sprites. From 0800 to 0810 re set	up air samples
in missile Silo 6 while allie	I workers put on PPE. allied the	en Spent morning
	from Structure. Jantara rem	
	missile silo 6 under a foly	
all woo has to have a sit or	mine and and and and	to consider the
	vator broke and mechanic had	
	resumed with proper PPE and we	
	aut for lunch break, work.	
1230, advestor Soil is cont	munually piled out of Silo 5. at !	400, checked all
air samples, all were runni	ng correctly . workers continu	red with excanator
work until 1630, then decon	, set and left site, pulled air	Samples at 1645, and
left field Site.	ů i	
matt year	10 541211	r 1
man for the	18-54218	



350 Elmwood Ave. • Buffalo, NY 14222 P 716-332.3134 F 716.332.3136

ENVIRONMENTAL PROJECT DAILY REPORT

CLIENT/CONTACT: Toatahad dan / March 1	alle tax	DATE: 0/18/18
CLIENT/CONTACT: Tantara Corp/Mark Lovejoy PROJECT NAME/ADDRESS: Nike Missile Bu-34/35		S M T W T F
WORK AREA LOCATION: Sílo 6 Exterior/Interior		SET#:
		3239
aspestos contorni	inated soil (cementitions piping, A	
		START TIME:
		0730
		END TIME:
CONTRACTOR: Allied	SUPERVISOR: E. Is No. d. Ileurol	1700
NUMBER OF WORKERS ON-SITE: 3	SUPERVISOR: Frank McCullough	NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED:	RESPIRATORY PROTECTION USED BY CONTRACTOR:	9
SIENNA LICENSE POSTED:	MONOMETER READING:	AMPM
AIR MONITOR CERTIFICATIONS POSTED:	PUMP LOCATIONS CHECKED:	
TECHNICIAN: Matt Zettle	PUMPS CALIBRATED:	
WORK AREA(S) SIZE: Large	VISUAL INSPECTION OK: N /-	
ENCLOSURE TYPE: SSV-18-0656	WAITING PERIOD REQUIRED: N/A	
PHASE OF WORK: B P A C AIR I	RESULTS REVIEWED/POSTED:	LEVELS: NO
		LEVELS: NO LEVELS: NO
NOTES: arrived andite at 0730.	RESULTS REVIEWED: ANY HIGH	LEVELS: NO
OSHA PERSONALS TAKENS <u>PE</u> EX AIR I NOTES: <u>arrived</u> ongite at 0730. ongite, at 0800 allied arrived	RESULTS REVIEWED:	LEVELS: NO 2. allied to arrives Let up airs samples
OSHA PERSONALS TAKENE PE EX AIR I NOTES: arrived onsite at 0730. onfite, at 0800 allied arrived in missile Selo 6 while allied	RESULTS REVIEWED: ANY HIGH Waited in Jantara trailer go Longite. From 0800 to 0810 A workers put on PPE. at 0815 1	LEVELS: NO 2. allied to arrive Let up airs Samples vorpers began lining
OSHA PERSONALS TAKEN <u>PE</u> EX AIR NOTES: <u>arrived</u> andite at 0730. <i>onfite</i> , at 0800 allied arrived in missile Selo 6 while allied tri-axial dumptruct, and be	RESULTS REVIEWED: ANY HIGH Waited in Jantara trailer go Longite. From. 0800 to 0810 & workers put on PPE. Ot 0815 1 asted to load first truck. Throug	LEVELS: NO 2. allied to arrive. Let up air samples workers began lining & morning & dumptruck
OSHA PERSONALS TAKENS PE EX AIR I NOTES: arrived ondite at 0730. ondite, at 0800 allied arrived in missile delo 6 while allied tri-axial dumptruck, and be were loaded and bauled to the	RESULTS REVIEWED: ANY HIGH Waited in Jantara trailer go andite. From 0800 to 0810 & workers put on PPE. at 0815 1 asted to land first truck. Through he landfill. at 1230 workers de	LEVELS: NO 2. allied to arrive bet up air samples workers began lining & morning & dumptrud con out and bane site
OSHA PERSONALS TAKEN <u>PE</u> EX AIR NOTES: <u>arrived</u> andite at 0730. <i>onbites</i> , at 0800 allied arrived <i>in missile Silo</i> 6 while allied tri-axial dumptruct, and bt were loaded and bauled to the for lunch. at 1300 workers	RESULTS REVIEWED: ANY HIGH Waited in Jantara trailer go Longite. From. 0800 to 0810 & workers put on PPE. Ot 0815 1 asted to load first truck. Throug he landfill. at 1230 workers do return onsite wearing proper. P	LEVELS: NO 2. allied to arrive, Let up air samples workers began lining & morning & dumptruck an out and bane site PE- Aumptrucht evere
OSHA PERSONALS TAKEN <u>PE</u> EX AIR NOTES: <u>arrived</u> andite at 0730. <i>onfiles</i> , at 0800 allied arrived <i>in missile Silo</i> 6 while allied tri-axial dumptruct, and bt were loaded and hauled to the gor lunch. at 1300 workers	RESULTS REVIEWED: ANY HIGH Waited in Jantara trailer go andite. From 0800 to 0810 & workers put on PPE. at 0815 1 asted to land first truck. Through he landfill. at 1230 workers de	LEVELS: NO 2. allied to arrive, Let up air samples workers began lining & morning & dumptruck an out and bane site PE- Aumptrucht evere
OSHA PERSONALS TAKEN PE EX AIR NOTES: arrived ondite at 0730. ondites, at 0800 allied arrived in missile dielo 6 while allied tri-axial dumptruck, and bt were loaded and hauled to the gar lunch. at 1300 workers lined and continuously load	RESULTS REVIEWED: ANY HIGH Waited in Jantara trailer go Longite. From 0800 to 0810 & workers put on PPE. at 0815 1 workers put on PPE. at 0815 1 asted to load first truck. Throug he landfill. at 1230 workers de return onsite wearing proper. P ed. 3 dump truck loads were to	LEVELS: NO 2. allied to arrive, bet up air samples workers began lining h morning & dumptruck can out and bane site of entire trucks evere aken to chaffee lands
OSHA PERSONALS TAKEN PE EX AIR I NOTES: arrived ondite at 0730. ondites, at 0800 allied arrived in missile delo 6 while allied tri-axial dumptruct, and be were loaded and hauled to the gar lunch. at 1300 workers lined and continuously load at 1400 technician was and to	RESULTS REVIEWED: ANY HIGH Waited in Jantara trailer go Longite. From 0800 to 0810 A workers put on PPE. at 0815 1 workers put on PPE. at 0815 1 anted to load first truck. Throug he landfill. at 1230 workers de return onsite wearing proper. P ed. 3 dump truck loads were to sto fix excentator. at 1500 excent	LEVELS: NO 2 allied to arrive, bet up air samples workers began lining h morning & dumptrud con out and bane site of alling trucks evere chen to Chaffee lands water was used to
OSHA PERSONALS TAKEN PE EX AIR I NOTES: arrived ondite at 0730. ondite, at 0800 allied arrived in missile dels 6 while allied tri-axial dumptruct, and bt were loaded and hauld to the for lunch. at 1300 workers lined and continuously load at 1400 technician was and to dig out more contaminated bo	RESULTS REVIEWED: ANY HIGH Maited in Jantara trailer go andite. From 0800 to 0810 K workers put on PPE. at 0815 1 asted to load first truck. Throug he landfill. at 1230 workers de return onsite wearing proper. P ed. 3 demp truck loads were to sto fix excentor. at 1500 excent il and form a poly-concred pi	LEVELS: NO 2. allied to arrive bet up air samples workers began lining h morning 8 dumptrud con out and bane site PE. Aumptrucht evere chen to Chaffee landf wolor was used to le, at 1500 workers
OSHA PERSONALS TAKEN PE EX AIR NOTES: arrived ondite at 0730. ondites, at 0800 allied arrived in missile dies 6 while allied tri-axial dumptruck, and to were loaded and hauled to the gar lunch. at 1300 workers. lined and continuously load at 1400 technician was ondite dig out more contaminated ba decon out. I pulled samples	RESULTS REVIEWED: ANY HIGH Maited in Jantara trailer ga Longite. From 0800 to 0810 A workers put on PPE. at 0815 1 workers put on PPE. at 0815 1 noted to load first truck. Through he landfill. at 1230 workers de return onsite wearing propers P ed. 3 demp truck loads were to sto fix excentor. at 1500 excent il and form a paly-concred pi at 1545 and left field site. 13	LEVELS: NO 2. allied to arrive, bet up air samples workers began lining & morning & dumptrud con out and bane site PE. Aumptrucht evere seen to Chaffee lands wolor was used to "le, at 1500 workers
OSHA PERSONALS TAKEN PE EX AIR I NOTES: Drined ondite at 0730. ondite, at 0800 allied arrived in midsile delo 6 while allied tri-axial dumptruck, and bt were loaded and bauled to the for lunch. at 1300 workers lined and continuously load at 1400 technician was andite dig out more contaminated ba	RESULTS REVIEWED: ANY HIGH Maited in Jantara trailer ga Longite. From 0800 to 0810 A workers put on PPE. at 0815 1 workers put on PPE. at 0815 1 noted to load first truck. Through he landfill. at 1230 workers de return onsite wearing propers P ed. 3 demp truck loads were to sto fix excentor. at 1500 excent il and form a paly-concred pi at 1545 and left field site. 13	LEVELS: NO 2. allied to arrive. Let up air samples workers began lining & morning & dumptruck an out and bane site PE. Aumptrucht evere seen to Chaffee lands wolor was used to "le, at 1500 workers



18-54216 D.O.L. CERTIFICATION NUMBER 

950 Elimwood Ave. + Buffalo, NY 14222 P 716-392.9134 F 716.392.9136

CLIENT/CONTACT: Tantara Corp/Ma	AK Love'soy	DATE: 1 2/18 i olas
PROJECT NAME/ADDRESS: Nike Missile	Silos/601 Willourdshiterd.	S M T W TH F S
WORK AREA LOCATION: Silo 6 Esterior		SET#:
MATERIALS REMOVED	taminated soil (cementitious piping/ dircell)	BROJECT TYPE
		ACM
		START TIME:
		0645
		END TIME:
CONTRACTOR: Alied	SUPERVISOR: Frank Mccullough	1700
NUMBER OF WORKERS ON-SITE:		NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED:	RESPIRATORY PROTECTION USED BY CONTRACTOR:	9
SIENNA LICENSE POSTED: V	MONOMETER READING	AMPM
	PUMP LOCATIONS CHECKED:	
TECHNICIAN: Matt Zerkie	PUMPS CALIBRATED:	
WORK AREA(S) SIZE: Large	VISUAL INSPECTION OK: N/A	
ENCLOSURE TYPE: 55V-18-0656	WAITING PERIOD REQUIRED: N/A	
PHASE OF WORK: B P (A) C	AIR RESULTS REVIEWED/POSTED; / ANY HIGH LEVELS:	
Le set up moch in prog Ailo 6 was up, and deco proper PPE, and began I air Samples, all were run 504d of woodchips were continued loading triaxing for lunch. at 1330 works Ligging out Soil, workers	645. Allied arrived Andite at 0745. a redd Samples around silo#6. all harri in was opened. at 0800 workers ch loading triaxial trucks. at 1000 cl ch ning correctly. at 1100 all workers D delivered. at 1115 workers put on p I delivered. at 1115 workers put on p I delivered. at 1115 workers put on p I delivered. at 1300 workers de rs re-enter site wearing proper PPE, exited work area at 1600, and I put lect monitor left site at 1700.	er tope on anged into ecked on econ out set copes PPE and consist and break and continue
SIGNATURE	18-54216 D.O.L. CERTIFICATION NUMBER	



950 Elmwood Ave. + Buffalo, NY 14222 P. 716-392.3134 F. 716.332.3136

	rklaveion	DATE: 10/23/18
CLIENT/CONTACT: Tantara Corp/Mar PROJECT NAME/ADDRESS: Nike Missile Sile	os/ fol willardshire rd.	SM (T) W TH F S
WORK AREA LOCATION: Silo 6 Exterior /		SET#: 3239
	minated Soil (Cementitious piping, aircell)	
		ACM
		START TIME:
		0730
		END TIME:
CONTRACTOR: Allied	SUPERVISOR: Frank McCullough	1700
NUMBER OF WORKERS ON-SITE: 3		NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED:	RESPIRATORY PROTECTION USED BY CONTRACTOR: full face	9
SIENNA LICENSE POSTED:	MONOMETER READING:	AMPM
AIR MONITOR CERTIFICATIONS POSTED:	PUMP LOCATIONS CHECKED:	
TECHNICIAN: Matt zerkie	PUMPS CALIBRATED:	
WORK AREA(S) SIZE: Latge	VISUAL INSPECTION OK: N/A	
ENCLOSURE TYPE: 55 V-18-0656	WAITING PERIOD REQUIRED: N/A	
el set up work in progress	30. allied arrived ongite at 0745 Annales around Silo # 6, all harris	er tape on Ailors
arrived ondite at 073 cl set up work in progress was up, and decon was lined triaxial truck wi that was piled next to a and woekers decon out suit sep and begin to p in missile silo 6, at 1	Anneles around Silo # 6, all harris spened. at 0800 workers suited in ith poly, and proceeded to load it w silo 6 pit. at 1130 eight trucks in t for lunch 1 at 1230 work resum well out more ACM Soil from, 300 cl check on all air samples.	it tape on bilo 6 sp in PPE and ith a CM soil otal were loaded es and workers central ballway All are running
arrived onsite at 073 cl set up work in progress was up, and decan was lined triatial truck wi that was piled next to a and weekers decan out buit sep and begin to p in missile Silo 6, at 1	Anneles around Silo # 6, all harris spened. at 0800 workers suited in ith poly, and proceeded to load it w silo 6 pit. at 1130 eight trucks in t for lunch 1 at 1230 work resum well out more ACM Soil from, 300 cl check on all air samples.	it tape on bilo 6 sp in PPE and ith a CM soil otal were loaded es and workers central ballway All are running
arrived onsite at 073 cl set up work in progress was up, and decan work a lined triatial truck wi that was piled next to a and woekers decan out suit sep and begin to p in missile Silo 6, at 1 correctly, workers a	Anneles around Silo # 6, all harris spened. at 0800 workers suited in ith poly, and proceeded to load it w silo 6 pit. at 1130 eight trucks in X for lunch : at 1230 work resum well out more ACM soil from, 300 cl check on all air samples.	it tape on bilo 6 p in PPE and ith a CM boil otal were loaded ed and workers central hallway All are running p A CM boil pile
arrived ondite at 073 cl set up work in progress was up, and decan work a lined triatial truck wi that was piled next to a and woekers decan out suit sep and begin to p in missile Silo 8, at 1 correctly, workers a till 1830, workers deca	Anneles around Silo # 6, all harris spened. at 0800 workers suited in ith poly, and proceeded to load it w silo 6 pit. at 1130 eight trucks in t for lunch 1 at 1230 work resum well out more ACM Soil from, 300 cl check on all air samples.	it tape on bilo 5 p in PPE and ith a CM soil otal were loaded ed and workers central hallway All are running p A CM boil pile
arrived ondite at 073 cl set up work in progress was up, and decan work a lined triatial truck wi that was piled next to a and woekers decan out suit sep and begin to p in missile Silo 6, at 1 correctly, workers a	Anneles around Silo # 6, all harris spened. at 0800 workers suited in ith poly, and proceeded to load it w silo 6 pit. at 1130 eight trucks in X for lunch : at 1230 work resum well out more ACM soil from, 300 cl check on all air samples.	it tape on bilo 5 p in PPE and ith a CM soil otal were loaded ed and workers central hallway All are running p A CM boil pile
arrived ondite at 073 cl set up work in progress was up, and decan work a lined tristial truck wi that was piled next to a and woekers decan out suit sep and begin to p in missile Silo 8, at 1 correctly, workers a till 1830, workers deca	Anneles around Silo # 6, all harris spened. at 0800 workers suited in ith poly, and proceeded to load it w silo 6 pit. at 1130 eight trucks in X for lunch : at 1230 work resum well out more ACM soil from, 300 cl check on all air samples.	it tape on bilo 5 p in PPE and ith a CM soil otal were loaded ed and workers central hallway All are running p A CM boil pile
arrived onsite at 073 cl set up work in progress was up, and decan was lined triaxial truck wi that was piled next to a and weekers decan out suit sep and begin to p in missile Silo S. at 1 correctly, workers a till 1830, workers deca	Anneles around Silo # 6, all harris spened. at 0800 workers suited in ith poly, and proceeded to load it w silo 6 pit. at 1130 eight trucks in X for lunch : at 1230 work resum well out more ACM soil from, 300 cl check on all air samples.	it tape on bilo 6 p in PPE and ith a CM soil otal were loaded ed and workers central hallway All are running p A CM boil pile
arrived onsite at 073 cl set up work in progress was up, and decan was lined triaxial truck wi that was piled next to a and weekers decan out suit sep and begin to p in missile Silo S. at 1 correctly, workers a till 1830, workers deca	Anneles around Silo # 6, all harris spened. at 0800 workers suited in ith poly, and proceeded to load it w silo 6 pit. at 1130 eight trucks in X for lunch : at 1230 work resum well out more ACM soil from, 300 cl check on all air samples.	er tape on dilos pin PPE and ith acm soil otal were loaded ed and workerd central hallway All are running p ACM boil pile
arrived onsite at 073 cl set up work in progress was up, and decan was lined triaxial truck wi that was piled next to a and weekers decan out suit sep and begin to p in missile Silo S. at 1 correctly, workers a till 1830, workers deca	Anneles around Silo # 6, all harris spened. at 0800 workers suited in ith poly, and proceeded to load it w silo 6 pit. at 1130 eight trucks in X for lunch : at 1230 work resum well out more ACM soil from, 300 cl check on all air samples.	er tape on dilos pin PPE and ith acm soil otal were loaded ed and workerd central hallway All are running p ACM boil pile
arrived ondite at 073 cl set up work in progress was up, and decan work a lined triatial truck wi that was piled next to a and woekers decan out suit sep and begin to p in missile Silo 8, at 1 correctly, workers a till 1830, workers deca	Anneles around Silo # 6, all harris spened. at 0800 workers suited in ith poly, and proceeded to load it w silo 6 pit. at 1130 eight trucks in X for lunch : at 1230 work resum well out more ACM soil from, 300 cl check on all air samples.	er tape on dilos pin PPE and ith acm soil otal were loaded ed and workerd central hallway All are sunning p ACM doil pile



350 Elmw ood Ave. + Buffalo, NY 14222 P. 716-392.3134 F. 716.332.3136

CLIENT/CONTACT: $Tantata Cotp/Mark Lovejoy$ PROJECT NAME/ADDRESS: Nike Missile Silos/601 willardshite rd. WORK AREA LOCATION: Silo 6 Exterior/Intetior MATERIALS REMOVED: None CONTRACTOR: Allied None None CONTRACTOR: Allied SUPERVISOR: Frank Medulough NUMBER OF WORKERS ON-SITE: 3 RESPIRATORY PROTECTION REQUIRED: If $Mask$ full face SIENNA LICENSE POSTED: V PUMP LOCATIONS CHECKED: V TECHNICIAN: Macht Zerkie PUMPS CALIBRATED: V WORK AREA(S) SIZE: Large VISUAL INSPECTION OK: N/A ENCLOSURE TYPE: $SSV - 18 - 0656$ AIR RESULTS REVIEWED/POSTED: V ANY HIGH LEVE	DATE: 10/24/18 S M T W TH F SET#: 3239 PROJECT TYPE: ACM START TIME: 0730 END TIME: 1709 NUMBER OF SAMPLES: 9
PROJECT NAME/ADDRESS: Nike Missile Siles/601 willordshite rd. WORK AREA LOCATION: Sile 6 Exterior/Interior MATERIALS REMOVED: None MATERIALS REMOVED: None CONTRACTOR: None MUBBER OF WORKERS ON-SITE: 3 RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR: I/2 Mask fwll face SIENNA LICENSE POSTED: V AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: VECHNICIAN: Matt Zerkie WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV - 18 - 9656	S M T \textcircled{O} TH F SET#: 3239 PROJECT TYPE: $A \subset M$ START TIME: 0730 END TIME: 1709 NUMBER OF SAMPLES: 9
WORK AREA LOCATION: Sile & Exterior/Interior MATERIALS REMOVED: None MATERIALS REMOVED: None CONTRACTOR: Allied SUPERVISOR: Frank Medullough NUMBER OF WORKERS ON-SITE: 3 RESPIRATORY PROTECTION USED BY CONTRACTOR: I/a Mask full face SIENNA LICENSE POSTED: MONOMETER READING: AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: Matt Zerkie WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV - 18 - 0656	SET#: 3239 PROJECT TYPE: ACM START TIME: 0730 END TIME: 1709 NUMBER OF SAMPLES: 9
MATERIALS REMOVED: None CONTRACTOR: Allied SUPERVISOR: NUMBER OF WORKERS ON-SITE: 3 RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR: $1/2$ Mask full face SIENNA LICENSE POSTED: MONOMETER READING: AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: VISUAL INSPECTION OK: N/A WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV - 18 - 9656	PROJECT TYPE: ACM START TIME: 0730 END TIME: 1709 NUMBER OF SAMPLES: 9
CONTRACTOR: Allied SUPERVISOR: Frank Medulough NUMBER OF WORKERS ON-SITE: 3 RESPIRATORY PROTECTION REQUIRED: 1/2 Mask RESPIRATORY PROTECTION USED BY CONTRACTOR: 1/2 Mask full face SIENNA LICENSE POSTED: V PUMP LOCATIONS CHECKED: V TECHNICIAN: Matt Zerkie PUMPs CALIBRATED: V WORK AREA(S) SIZE: Large VISUAL INSPECTION OK: N/A ENCLOSURE TYPE: SSV-18-0656 WAITING PERIOD REQUIRED: N/A	ACM START TIME: 0730 END TIME: 1709 NUMBER OF SAMPLES: 9
CONTRACTOR: Allied SUPERVISOR: Frank Medulough NUMBER OF WORKERS ON-SITE: 3 RESPIRATORY PROTECTION REQUIRED: I/2 Mask full face SIENNA LICENSE POSTED: V MONOMETER READING: AIR MONITOR CERTIFICATIONS POSTED: V PUMP LOCATIONS CHECKED: V TECHNICIAN: Matt Zerkie PUMPS CALIBRATED: V WORK AREA(S) SIZE: Large VISUAL INSPECTION OK: N/A ENCLOSURE TYPE: SSV -18 - 9656 WAITING PERIOD REQUIRED: N/A	START TIME: 0730 END TIME: 1709 NUMBER OF SAMPLES: 9
Allied Frank Medulough NUMBER OF WORKERS ON-SITE: 3 RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR: 1/2 Mask fwllface SIENNA LICENSE POSTED: MONOMETER READING: AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: MattZerKie WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV-18-0656	0730 END TIME: 1709 NUMBER OF SAMPLES: 9
Allied Frank Medulough NUMBER OF WORKERS ON-SITE: 3 RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR: 1/2 Mask fwllface SIENNA LICENSE POSTED: MONOMETER READING: AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: MattZerKie WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV-18-0656	NUMBER OF SAMPLES:
Allied Frank Medulough NUMBER OF WORKERS ON-SITE: 3 RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR: 1/2 Mask fwllface SIENNA LICENSE POSTED: MONOMETER READING: AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: MattZerKie WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV-18-0656	NUMBER OF SAMPLES:
Allied Frank Medulough NUMBER OF WORKERS ON-SITE: 3 RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR: 1/2 Mask fwllface SIENNA LICENSE POSTED: MONOMETER READING: AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: MattZerKie WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV-18-0656	9
RESPIRATORY PROTECTION REQUIRED: 1/2 Mask SIENNA LICENSE POSTED: AIR MONITOR CERTIFICATIONS POSTED: TECHNICIAN: Matt Zerkie WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV-18-0656 RESPIRATORY PROTECTION USED BY CONTRACTOR: fwllface MONOMETER READING: PUMP LOCATIONS CHECKED: VISUAL INSPECTION OK: N/A WAITING PERIOD REQUIRED: N/A	
1/2 Mask fwllface SIENNA LICENSE POSTED: MONOMETER READING: AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: Matt Zerkie WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV-18-9656	
AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: TECHNICIAN: Matt Zerkie WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV - 18 - 0656	AMPM
TECHNICIAN: MattZerKie WORK AREA(S) SIZE: Large ENCLOSURE TYPE: SSV-18-0656 WAITING PERIOD REQUIRED: N/A	
WORK AREA(S) SIZE:LatgeVISUAL INSPECTION OK: N/A ENCLOSURE TYPE: $SSV - 18 - 0656$ WAITING PERIOD REQUIRED: N/A	
WORK AREA(S) SIZE:LatgeVISUAL INSPECTION OK: N/A ENCLOSURE TYPE: $SSV - 18 - 0656$ WAITING PERIOD REQUIRED: N/A	
ENCLOSURE TYPE: $55V - 18 - 2656$ WAITING PERIOD REQUIRED: N/A	2.6
PHASE OF WORK: B P () C AIR RESULTS REVIEWED/POSTED:	
and begin digging walls along silo 6. at 1030 Bobcat mechanic arre excounter . He was outside barrier tape, at 1120 machinery we	rined ansite to fix
correctly, and workers were back in full PPE, at 1330 crew des 1400 workers redume cleaning in proper PPE, north wall address	econ out for bunch
1400 workers reduce cleaning in proper FPE. north. wall address soil was completely remared using abardo, and excanator, a	econ out for bunch at 15:00 checked
1400 workers reduce cleaning in proper PPE, north wall address soil was completely remared using abardet, and excanator, a on all air samples. all were running correctly. at 1500	econ out for bunch at 15:00 checked
1400 workers resume cleaning in proper PPE. north. wall adless soil was completely remared using abardo, and excanator, a	econ out for bunch at 15:00 checked



950 Elmw cod Ave. + Buffalo, NY 14222 P 716-992.3134 F 716.332.3136

CLIENT/CONTACT: Tantara Corp		DATE: 10/25/18
	ilos/601 willardshite rd.	SMTW (TH) F
NORK AREA LOCATION: Silo 6 Exterior	/Toto/iot	SET#:
MATERIALS REMOVED: None		3239
None		PROJECT TYPE:
		START TIME:
		0730
		END TIME:
CONTRACTOR:	SUPERVISOR	1700
CONTRACTOR: Allied	SUPERVISOR: Frank Mccullough	NUMBER OF SAMPLES:
NUMBER OF WORKERS ON-SITE: 3		0
RESPIRATORY PROTECTION REQUIRED:	RESPIRATORY PROTECTION USED BY CONTRACTOR:	9
SIENNA LICENSE POSTED:	MONOMETER READING:	AMPM
AIR MONITOR CERTIFICATIONS POSTED:	PUMP LOCATIONS CHECKED:	
	PUMPS CALIBRATED:	
WORK AREA(S) SIZE: Large	VISUAL INSPECTION OK: N/a	
ENCLOSURE TYPE:		
ENCLOSURE TYPE: 55V-18-9856	WAITING PERIOD REQUIRED: N/a	
manager arrived onsite satisfactory at 1130 peoj	trandite peglisard under predents i yand toured al stement area. Ener ect manager was office. at 130 lite. at 1330 workers resume clea	ything was to O crew decan aut
PPE. at 1400 checked on	all air samplet, all are running	georredly. at
500 workers were Apas	reling out dirt and debrisin brack	h officer at 1632
Il workerd exited work site,	and decan out, at 1645 morkers.	leaner diter and
	all air samples , project manitor	
property in the second	and and a montal a produce montal	



PROJECT NAME/ADDRESS: Nike Missile Siles /601 willard.sh; Fe. rd S (M) T W TH F WORK AREA LOCATION: Sile Exterior/Interior 3239 MATERIALS REMOVED: A c M contaminated Soil. (dementitions piping Altral) PROJECT TYPE: MATERIALS REMOVED: A c M contaminated Soil. (dementitions piping Altral) PROJECT TYPE: A c M START TIME: 0730 END TIME: 1645 NUMBER OF WORKERS ON-SITE:3 RESPIRATORY PROTECTION REQUIRED: NUMBER of SAMPLES: NUMBER OF SAMPLES: Vansk 9 SIENNA LICENSE POSTED: MONOMETER READING: AM AIR MONITOR CERTIFICATIONS POSTED; PUMP LOCATIONS CHECKED; PM AIR MONITOR CERTIFICATIONS POSTED; PUMPS CALIBRATED: VISUAL INSPECTION OK: N/A WORK AREA(S) SIZE: Large VISUAL INSPECTION OK: N/A PHASE OF WORK: B C AIR RESULTS REVIEWED/POSTED: ANY HIGH LEVELS: OSHA PERSONALS TAKEN PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: ANY HIGH LEVELS:	CLIENT/CONTACT: To take date		DATE:
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Month Borkly 18-54216 provide and provide the source of th	PPE. at This time nin Anmales	were also but us arough the u	work Aite, all
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Matt Berbly 18-54216 page 1 of 1	at 1620 project monitor da	statopull as samples. at 164	5 all workerd
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Matt Bonkly 18-54216 PAGE OF			
PAGE 0F PAGE OF	A		
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CLIENT/CONTACT: Tantara Corp		DATE: 10/30/18
Nike Missilesilesiles	/ Gol willardshire rd.	S M () W TH F S
WORK AREA LOCATION: SILO 6 Exterior / Into	erior	SET#: 3239
MATERIALS REMOVED: ACM Contamina	ted soil, transite piping& Pegboa	
		AcM
		START TIME:
		0730
		END TIME:
CONTRACTOR: Allied	SUPERVISOR: Frank Mccullough	1500
NUMBER OF WORKERS ON-SITE: 2	The way mechanowyk	NUMBER OF SAMPLES:
RESPIRATORY PROTECTION REQUIRED:	RESPIRATORY PROTECTION USED BY CONTRACTOR:	12
1/2 Mask	MONOMETER READING:	1 Over
SIENNA LICENSE POSTED:	MONOMETER READING:	AMPM
AIR MONITOR CERTIFICATIONS POSTED:	PUMP LOCATIONS CHECKED:	
TECHNICIAN: Matt Zerkie	PUMPS CALIBRATED:	
WORK AREA(S) SIZE: Large	VISUAL INSPECTION OK:	
ENCLOSURE TYPE: 55 V - 18-0656	WAITING PERIOD REQUIRED: 12 h	
->>V-18-0656	id h	r
PHASE OF WORK: B P A C AIR RE	SULTS REVIEWED/POSTED: ANY HIGH I	LEVELS: _{N 0}
OSHA PERSONALS TAKEN: PE EX AIR RE	SULTS REVIEWED: ANY HIGH I	LEVELS:NO
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tope unop- up and Acking at	0745 all workers entered th	e marksite in propon.
PPE. at this time clearance.	air samples wereput up an	ound the worksite
with fine in the work area	. all were running at the	corrects glasser rates.
at 0800 trissial trucks arr		
at 1030 all air samples usere	checked and Dum correctly	22 1130 morbora
decan out for funch, and ret	unn at 1200 to redume work.	-Road outs Stop
at 1230 mith three total 20	ad sets, after all load out of	une taken sites und
cleaned, and sing leftenes to	andite preservinene. pithod ing.	at 1330 all workers
decon sect workers lesure site o	it 1400 at 1445 project monie	for loging to pull
Samples and they reach Their m		
Monitor is off site at 1500.	<i>V i</i>	
<u>.</u>		
SIGNATURE	18-54216	PAGEOF



SIGNATURE

350 Elmwood Ave. + Buffalo, NY 14222 P 716-332.3134 F 716.332.3136

ENVIRONMENTAL PROJECT DAILY REPORT

	· · · · · · · · · · · · · · · · · · ·	
CLIENT/CONTACT: +antaíra Corp / Mark	Lovesoy	DATE: 10/31/18
PROJECT NAME/ADDRESS: Nike Missile Silos/601 (willard shire, rd.		SMT WTHFS
WORK AREA LOCATION: MISSILe 5110 井台		SET#:
MATERIALS REMOVED: trans; te pegboa	rd, piping	PROJECT TYPE:
		ACM
		START TIME:
		0745
	- ż.	END TIME:
CONTRACTOR:	SUPERVISOR:	Q 930
Allied	Frank Medullough	NUMBER OF SAMPLES:
NUMBER OF WORKERS ON-SITE: -2		
RESPIRATORY PROTECTION REQUIRED:	RESPIRATORY PROTECTION USED BY CONTRAC	IOR:
SIENNA LICENSE POSTED	MONOMETER READING:	
AIR MONITOR CERTIFICATIONS POSTED:	PUMP LOCATIONS CHECKED	
	PUMPS CALIBRATED: N/,	Pr1 11
TECHNICIAN: Matt Zerkle	VISUAL INSPECTION OK:	
WORK AREA(S) SIZE: Large	V	
ENCLOSURE TYPE: 5.5V-18-0656	WAITING PERIOD REQUIRE	Diahr
PHASE OF WORK: B P A C AIR R		ANY HIGH LEVELS: NO
OSHA PERSONALS TAKEN: PE EX AIR R	ESULTS REVIEWED:	ANY HIGH LEVELS: No
NOTES:		
arrived on site of 074	5. allied what son site at a	740, project manager
arrived societ of 0800. At	0810 entered Rilotth inter	& area with project.
manages with proper PPE. M.	~ nidil de aliettat una	Loon in the silo or.
- B		
Aunsaunding perimeter. , at 0		
after in spection project ma	nopen left site, at 09300	atoined reduilts that
all samples projed. Delicha	PRiod Augernian and	Pett Aite.
		0
		ter et al and terrate
	7	
2001/12 stelle	in allala	
and the stand and a	(8 - 54216)	PAGE

D.O.L. CERTIFICATION NUMBER



350 Elmwood Ave. + Butfalo, NY 14222

CLIENT/CONTACT: DATE: 2 9 anta ove PROJECT NAME/ADDRESS: le Silos S Ŵ ŤН Μ Т E. S nderground 1001 WORK AREA LOCATION: SET#: · Silo 42 Exterior 5239 MATERIALS REMOVED: IL au Expansion **PROJECT TYPE:** ACN START TIME: 1315 END TIME: 350 CONTRACTOR: SUPERVISOR: Allieu Jack coster NUMBER OF SAMPLES: NUMBER OF WORKERS ON-SITE: 6 ζ **RESPIRATORY PROTECTION REQUIRED: RESPIRATORY PROTECTION USED BY CONTRACTOR:** 1 12 tace Fule MONOMETER READING: SIENNA LICENSE POSTED: N AM PM AIR MONITOR CERTIFICATIONS POSTED: PUMP LOCATIONS CHECKED: /A **TECHNICIAN:** PUMPS CALIBRATED: Fitzgera VISUAL INSPECTION OK: WORK AREA(S) SIZE: 21 inal **ENCLOSURE TYPE:** WAITING PERIOD REQUIRED: NIA . PHASE OF WORK: (\mathbf{C}) **AIR RESULTS REVIEWED/POSTED:** ANY HIGH LEVELS: B Ρ Α NIA OSHA PERSONALS TAKEN: -PE EX AIR RESULTS REVIEWED: ANY HIGH LEVELS: NOTES: 715 D an an M 'n #7 Ora pe CUO 100 pann U PAGE OF 09-114R0



4. LABORATORY REPORTS AND CHAIN OF CUSTODY DOCUMENTS



LABORATORY REPORT

Attention:	Mark Lovejoy	Lab Project #:	S35441
Client:	Tantara Corporation	Sample Date:	6/12/2018
	54 Mason Street	Date Received:	6/13/2018
	Worcester, MA 01610	Analysis Date:	6/13/2018
Project:	SET3239- Nike Missile BU- 34/35 - Silo #2		

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400, Fourth Edition, Issue 2, 8/15/94 Sample Location Туре Sample Date Volume Fibers **Fields** Fibers/mm2 Fibers/cc 061218-3239-01 Elevator hatch Ρ 6/12/2018 1044 1.5 100 1.91 < 0.003 061218-3239-02 Vent hatch P 6/12/2018 1044 0.5 100 0.64 < 0.003 061218-3239-03 Decon entrance Ρ 6/12/2018 1044 1 100 1.27 < 0.003 061218-3239-04 Ρ 6/12/2018 Decon exit 1044 2 100 2.55 < 0.003 061218-3239-05 Work area entrance/exit, airlock P 6/12/2018 1044 3:5 100 4.46 < 0.003 061218-3239-06 Ρ Ambient air 6/12/2018 1044 1 100 1.27 < 0.003 061218-3239-07 Field BL 6/12/2018 0 100 061218-3239-08 Box BL 6/12/2018 0 100

Amanda Bentley

Analyst

B=Background CR=Clearance Rush

P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample

C=Clearance BL=Blank

2

Approved Signatory

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour Other Analysis (circle) RCM TEM other	Flow (LPM) Volume Results $Beg End Avg$ $Volume$ Results $2, 4$ $2, 4$ $2, 4$ $0, 44$ $2, 7$ $2, 4$ $2, 4$ $0, 44$ $2, 7$ $2, 6$ $2, 4$ $10, 44$ $2, 7$ $2, 6$ $10, 44$ $10, 144$ $2, 7$ $2, 6$ $2, 6$ $10, 44$ $2, 7$ $2, 6$ $10, 44$ $10, 144$ $2, 7$ $2, 7$ $10, 444$ $10, 144$ $2, 7$ $2, 7$ $10, 144$ $10, 144$ $2, 7$ $2, 7$ $2, 7$ $10, 144$ $2, 7$ $2, 7$ $2, 7$ $10, 144$ $2, 7$ $2, 7$ $2, 7$ $10, 144$ $2, 7$ $2, 7$ $2, 7$ $10, 144$ $2, 7$ $2, 7$ $2, 7$ $10, 144$ $2, 7$ $2, 7$ $2, 7$ $10, 144$ $2, 7$ $2, 7$ $2, 7$ $10, 144$ $2, 7$ $2, 7$ $2, 7$ $10, 144$ $10, 10, 10$ $10, 10, 10$ $10, 10, $	Comments/Special Conditions
350 Eimwood Ave. • Buffalo, NY 14222 (E) 716-332.3134 (E) 716.332.3136	76.F/No Kain/Low Wind Temp/Rain/Wind Z0171218 665 DC-Lite Calibrator #	IMA B Time (military) 0B OWA Ex FE Start Stop Tot 0B OWA Ex FE Start Stop Tot 0B OVA F F F F F F F 0B OVA F<	or X at Flevetor Leondh
IENNA ONMENTAL TECHNOLOGIES	Silo #2 Work Area Location BU-34/35 Tantara Corp Client Mark Lowigy	Pump # sample location Elevator hotch Vent hotch Decon exit Vork orca entrance/exit Nork orca entrance/exit Rell Box Box	CC/12/15 : Sheetch CC/12/18 : Seetch CC/12/18 : Seetch CC/3/18 R: CO S35/4/1 R.J R.J
SIENNA ENVIRONMENTAL TECHNOLOGIES	06/12/18 Date Nike Missile B Job Name 3239 Job #	sample Number GC1218 - 3239 - 01 02 03 03 05 05 07 07 07 07 07 07 07	Crary Mikido Gray Munu Relinquighed by Received by lab



Attention:	Mark Lovejoy	Lab Project #:	S35479
Client:	Tantara Corporation	Sample Date:	6/13/2018
	54 Mason Street	Date Received:	6/14/2018
	Worcester, MA 01610	Analysis Date:	6/15/2018
Project:	SET3239- Nike Missile BU- 34/35 - Silo #2		

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400, Fourth Edition, Issue 2, 8/15/94

Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
061318-3239-01	Elevator hatch - critical 1	Р	6/13/2018	1218	4	100	5.1	<0.002
061318-3239-02	Vent hatch - critical 2	P	6/13/2018	1218	4,5	100	5.73	<0.002
061318-3239-03	Decon entrance	P	6/13/2018	1218	3.5	100	4.46	<0.002
061318-3239-04	Decon exit	Р	6/13/2018	1218	7,5	100	9,55	0.003
061318-3239-05	Work area entrance/exit, airlock	P	6/13/2018	1218	4	100	5.1	<0.002
061318-3239-06	Ambient air	Р	6/13/2018	1218	4	100	5.1	<0.002
061318-3239-07	Field Blank	BL	6/13/2018		0	100		
061318-3239-08	Box Blank	BL	6/13/2018		0	100		
001318-3239-08	Box Blank	BL	6/13/2018		0	100		

Amanda Bentley

Analyst

-**Approved Signatory**

A=Abatement

C=Clearance

B=Background CR=Clearance Rush P=Preparation **EX=Excursion Air**

PE=Personal Air Sample

BL=Blank

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		Results (f/cc)	
Air Sampling Worksheet Chain of Custody	d (circle) 6 hour 48 hour (circle)	Volume (liters) 218 218 218 218 218 218	
Sampling Worksh Chain of Custody	Turnaround (circle, 3 hour 6 hou 24 hour 48 ho Other 48 ho Other 48 ho Other 6 hou	10000 1000000	
Air San Cha	a hour at hou oth	Flow 68 En 69	Comments/Special Conditions
24		ary Tot 426 426 426	ments/Spe
14222 3136	WinJ DC - Lite Primary Flow	Time (military) Start Stop Tot Ggoo 1506 426 Ggo1 1561 426 Ggo3 1562 426 Ggo3 1563 426 Ggo4 1564 426 Ggo4 1565 426	
3uffalo, NY 1422 (Ē) 716,332.3136	Rain Low Temp/Rain/Wind 218 Calibrator #		to t
•	F / Rain /L Temp/Rain/Wi 20171218 605 Calibrator #	08 0WA	
350 Elmwood Av (P) 716-332.3134	70.F/ 20171 605		
		1 sicleck	
		tion 12	a unch
	Vork Area Location Work Area Location Antara Ca Client Client Contact	sample Location hetch - critica hetch - critical 2 entrancu exit rea entrancu / exit air Blank Blank	
	Silo # Work Area Loc Tantare Client Client Conta	57×3022	
ZHNOL	<u>Bu-34/35</u>	Pump # Eleva Vent Decon Decon Ambic Fiell Box	
	, in the second	8 7 6 4 4 33 2 3 3	Mr KIds Sampler Much aquished by
SIENNANA TECHNOLOGIES	/18 Date Job Name 39 Job #	e Numbe	Rece
	06/13/18 Date Nikc Miss Job Nami 3239	5amp	Craig Craig Award
		0	



			LABOR	RATORY REPO	ORT				
Attention:	Mark	Lovejoy					L	ab Project #:	\$35490
Client:	Tanta	ara Corporation					5	Sample Date:	6/14/2018
	54 M	ason Street					Da	ite Received:	6/14/2018
	Worcester, MA 01610						A	nalysis Date:	6/15/2018
Project:	SET	3239- Nike Missile BU- 34/35- Silo #2							
		PHASE CONTRAST MICROS		OSH METHO) 7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Sample Location		Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc	
061418-323	9-01	Elevator Hatch- Critical 1	А	6/14/2018	1218	1.5	100	1.91	<0.002
061418-323	9.02	Vent Hatch, Critical 2	Δ	6/14/2018	1218	3	100	3.82	<0.002

Vent Hatch- Critical 2	Α	6/14/2018	1218	3	100	3.82	<0.002
Decon Entrance	A	6/14/2018	1218	2	100	2,55	<0.002
Decon Exit	A	6/14/2018	1218	2	100	2.55	<0.002
Work Area Entrance/Exit, Airlock	A	6/14/2018	1218	0	100	0	<0,002
Negative Air Exhaust	A	6/14/2018	1218	0	100	0	<0.002
Ambient Air	A	6/14/2018	1218	0	100	0	<0.002
Field Blank	BL	6/14/2018		0	100		
Box Blank	BL	6/14/2018		0	100		
	Decon Entrance Decon Exit Work Area Entrance/Exit, Airlock Negative Air Exhaust Ambient Air Field Blank	Decon Entrance A Decon Exit A Work Area Entrance/Exit, Airlock A Negative Air Exhaust A Armbient Air A Field Blank BL	Decon EntranceA6/14/2018Decon ExitA6/14/2018Work Area Entrance/Exit, AirlockA6/14/2018Negative Air ExhaustA6/14/2018Armbient AirA6/14/2018Field BlankBL6/14/2018	Decon EntranceA6/14/20181218Decon ExitA6/14/20181218Work Area Entrance/Exit, AirlockA6/14/20181218Negative Air ExhaustA6/14/20181218Ambient AirA6/14/20181218Field BlankBL6/14/20181218	Decon Entrance A 6/14/2018 1218 2 Decon Exit A 6/14/2018 1218 2 Work Area Entrance/Exit, Airlock A 6/14/2018 1218 0 Negative Air Exhaust A 6/14/2018 1218 0 Armbient Air A 6/14/2018 1218 0 Field Blank BL 6/14/2018 0	Decon Entrance A 6/14/2018 1218 2 100 Decon Exit A 6/14/2018 1218 2 100 Work Area Entrance/Exit, Airlock A 6/14/2018 1218 0 100 Negative Air Exhaust A 6/14/2018 1218 0 100 Armbient Air A 6/14/2018 1218 0 100 Field Blank BL 6/14/2018 0 100	Decon Entrance A 6/14/2018 1218 2 100 2.55 Decon Exit A 6/14/2018 1218 2 100 2.55 Work Area Entrance/Exit, Airlock A 6/14/2018 1218 0 100 0 Negative Air Exhaust A 6/14/2018 1218 0 100 0 Ambient Air A 6/14/2018 1218 0 100 0 Field Blank BL 6/14/2018 0 100 0

Carson Cain Analyst

A 1 Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low 37, Med .24, High .16. NYS ELAP #11727

Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour Other Analysis (circle) PEM TEM other	Flow (LPM) volume Results Beg End Aug (liters) (l/cc) Z-4 Z-4 Z-4 IZ1g (l/cc) Z-4 Z-3 Z-4 IZ1g (l/cc) Z-4 Z-3 Z-4 IZ1g (l/cc) Z-4 Z-3 Z-3 IZ1g (l/cc) Z-3 Z-3 Z-3 IZ1g IZ1g Z-4 Z-3 Z-3 IZ1g IZ1g I Z-3 Z-3 IZ1g IZ1g I Z-3 Z-3 Z-3 IZ1g IZ1g I Z-3 Z-3 Z-3 IZ1g IZ1g I <td< th=""><th>pecial Conditions</th></td<>	pecial Conditions
350 Elmwood Ave. • Buffalo, NY 14222 (P) 716-332.3134 (F) 716.332.3136	70.F / No Rah / Low Und Temp/Rain/Wind 20[7]218 605 / DC-Lite Calibrator#	IB IMA B Time (military) OB OWA EX FE Start Stop Tot DB OWA EX PE Start Stop Tot DB OWA EX PE Start Stop Tot P P P P P P P P P P P P P P P P P P	airlack Silo door X CI OXONNA Eluctor hatch
	811-34/35 Silo #2 Work Area Location Client Cro. Cro. Client Lowier Client Connact	Pump # sample Location Elevetor heth - critical 1 Vent hatch - critical 2 Decon entrance Decon exit Work area entrance/exit, airlock Negative sir exaust Ambient air Field Blank Box Blank	06/14/18 : Sherch 06/14/18 : Sherch 05/14/18 : 05/10/14/14 6/1/11/18 15:55 03 vcnt hatel
SIENNA ENVIRONMENTAL TECHNOLOGIES	06/14/18 Date Nike Missile BU- Job Name 3239 Job #	sample Number Sample Number ocf 1415 - 3234 - 01 pu bo co co co co co co co co co co co co co	Craig Mikida Sampler Relinquished by Received by lab



Fibers/cc

< 0.002

< 0.002

<0.002

< 0.002

< 0.002

<0.002

< 0.002

	LABORATORY REPORT		
Attention:	Mark Lovejoy	Lab Project #:	\$35517
Client:	Tantara Corporation	Sample Date:	6/18/2018
	54 Mason Street	Date Received:	6/19/2018
	Worcester, MA 01610	Analysis Date:	6/19/2018
Project:	SET3239- Nike Missile BU- 34/35 - Silo #2		

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400, Fourth Edition, Issue 2, 8/15/94

6/18/2018

6/18/2018

			OOT METHOD	, 1400, 14		ion, issue	2,0110104
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2
061818-3239-01	Elevator hatch - critical 1	А	6/18/2018	1392	2,5	100	3.18
061818-3239-02	Vent hatch - critical 2	A	6/18/2018	1392	2.5	100	3.18
061818-3239-03	Decon entrance	A	6/18/2018	1392	2	100	2.55
051818-3239-04	Decon exit	A	6/18/2018	1392	1.5	100	1.91
061818-3239-05	Work area entrance/exit, airlock	Α	6/18/2018	1392	1	100	1.27
061818-3239-06	Negative air exhaust	A	6/18/2018	1392	5	100	6.37
061818-3239-07	Ambient air	A	6/18/2018	1392	3	100	3.82

BL

BL

Amanda Bentley

P=Preparation

EX=Excursion Air

Analyst

Field Blank

Box Blank

-**Approved Signatory**

A=Abatement PE=Personal Air Sample

0

0

100

100

C=Clearance **BL=Blank**

B=Background CR=Clearance Rush

061818-3239-08

061818-3239-09

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 2sthour 48 hour Other 48 hour Analysis (circle) score TEM other	PM) Volume Results Aug (liters) (f/cc) 7 2.9 [392 7 2.9 [392 7 2.9 [392 7 2.9 [392 9 2.9 [392 1 2.9 [392 1 2.9 [1 2.9	50
350 Elmwood Ave. • Buffalo, NY 14222 Air San (P) 716-332.3134 (E) 716.332.3136 Cha	Wind Wind DC - Lite Primary Flow	IWMA B Time (military) Flow (LPM) OWMA EX FE Start Stop Tot Beg End 1 OWMA EX FE Start Stop Tot Beg End 1 OWMA A 0804 ICG0 476 Z:9 Z:1 2 3 2 3 2 3 2 3 2 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	Sili der Sili der X Coxo No connents/special conditions Sili der Sili der Sili der Sili der Sili der Sili der Sili der
350 Elmwood Ave (P) 716-332.3134	84.F /	t 1 1 08 08 08 08 the total of total	Sterent of the start had
SIENNA ENVIRONMENTAL TECHNOLOGIES	80-34/35 T	Pump "" OI Elevatic hat OZ Vent hatch OZ Vent hatch OZ Vent hatch OZ Vent hatch OZ Vent arra OF North arra OF Anderine arr OF Field Blank OF Blank	I / K/Je 66 / 18 / 18 : ampler 66 / 18 / 18 : Of / 16 / 18 : : quished by 06 / 16 / 18 : QUL 06 / 19 / 18 : out 06 / 19 / 18 : out 05 / 355 / 18 :
SIE ENVIRONM	0C/19/19 Date Nike Missile Job Name 3239	Sample Number 0(1819 - 3239 -	Craig Mikids sampler Sampler Sampler Relinquished by Relinquished by Received by lab



LABORATORY REPORT

Attention	Mark Lovejoy	Lab Project #:	S35533
Client:	Tantara Corporation	Sample Date:	6/19/2018
	54 Mason Street	Date Received:	6/20/2018
	Worcester, MA 01610	Analysis Date:	6/20/2018
Destad			

Project: SET3239- Nike Missile BU- 34/35 - Silo #2

	PHASE CONTRAST MICROSCO	OPY BY NI	OSH METHO	D 7400, Fe	ourth Edit	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
061918-3239-01	Elevator hatch - critical 1	С	6/19/2018	1392	3	100	3.82	<0,002
061918-3239-02	Vent hatch - critical 2	С	6/19/2018	1392	1	100	1,27	<0.002
061918-3239-03	Decon entrance	С	6/19/2018	1392	0	100	0	<0.002
061918-3239-04	Decon exit	С	6/19/2018	1392	2	100	2.55	<0.002
061918-3239-05	Work area entrance/exit, airlock	C	6/19/2018	1392	5	100	6.37	<0.002
061918-3239-06	Negative air exhaust	С	6/19/2018	1392	0	100	0	<0.002
061918-3239-07	Ambient air	С	6/19/2018	1392	5.5	100	7.01	0.002
061918-3239-08	Back up negative air machine	С	6/19/2018	1392	5	100	6.37	<0.002
061918-3239-09	Structure under elevator hatch	С	6/19/2018	1392	2	100	2.55	<0.002
061918-3239-10	Near airlock and personnel room	С	6/19/2018	1392	5	100	6.37	<0.002
061918-3239-11	Centered East side of elevator	С	6/19/2018	1392	6	100	7.64	0.002
061918-3239-12	Centered West side of elevator	С	6/19/2018	1392	5	100	6,37	<0.002
061918-3239-13	Field Blank	BL	6/19/2018		0	100		
D61918-3239-14	Box Blank	BL	6/19/2018		0	100		

Amanda Bentley Analyst B=Background

CR=Clearance Rush

-

Approved Signatory

C=Clearance BL=Blank

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P=Preparation

EX=Excursion Air

A=Abatement

PE=Personal Air Sample

Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 34 hour	r <i>alysis (c</i> TEM	Flow (LPM) Volume Results Beg End Avg (liters) (f/cc)	2.4 2.4 2.4 1392 7 0 7 0 7 9 1367	6-2 6-2 6-2	2.9	1 6.2 6.2 6.2	6.2 6.2 6.2	2.1 2.9 2.9 1342	2.9 2.9 2.9 1392		5-2 6-2	2.9 2.9 2.9 1392		Comments Special Conditions TWA	X HO	=× el	conto	hatch 108 X	on X "	
350 Eimwood Ave. • Buffalo, NY 14222 @ 716-332,3134 ① 716.332.3136	TENNO ROIN LOW WIND TEMP/Rain/Wind	6 05 / DC - Lite Calibrator #	IB IWA B P Time (military) OB OWA A O Start Stop Tot	08 OWA C 0819 1619 480 08 OWA I 0870 1770 480	0821 1021	0872 1/22	08 CUMA 1020 100 00 000 000 000 000 000 000 000	08 OWA 08251225 480	13 IWA 08201620 480	1B 1WA 0827 1627 480	18 IM 6828 1628 480	(M)	18 IWA V 033 1536 480		Xo7 Comments 5	Silo deor		> 10		0 000 aithoust	Elevator hatch
	Si lo #2 Work Area Location	Marts Love joy Client Love joy	Sample Location	Elevetor hatch - critical 1 10.4 Latter - orter 1 2	n contract	exit hud	New two are contance/exit, airied	at air	-	me under elevator	irlock and persons	East side o	3	FICIL Blank Box Blank	GC /19 /16 . Sketch OWA	-		8	Hox A ton ton	S35533 Laurh Pad	
SIENNA ENVIRONMENTAL TECHNOLOGIES	06/19/18 Date Date D11-24/55		Pump Sample Number #	CE 1918 - 3239 - 01	03	ho	38	67	80	60				1 14	Crain Mileite		Craig mhre	Relinquished by	Million Saluty	Received by lab	



	LABORATORY REPO	RT	
Attention:	Mark Lovejoy	Lab Project #:	S35554
Client:	Tantara Corporation	Sample Date:	6/20/2018
	54 Mason Street	Date Received:	6/22/2018
	Worcester, MA 01610	Analysis Date:	6/22/2018
Project:	SET 3239- Nike Missile BU-34/35- Silo #3		

Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
062018-3239-01	Critical 1- Elevator Hatch	Р	6/20/2018	1044	1	100	1:27	<0.003
062018-3239-02	Critical 2- Silo Door Hatch	P	6/20/2018	1044	1,5	100	1,91	<0.003
062018-3239-03	Decon Entrance	P	6/20/2018	1044	4	100	5.1	<0.003
062018-3239-04	Decon Exit	Р	6/20/2018	1044	1	100	1.27	<0.003
062018-3239-05	Work Area Entrance/Exit, Airlock	Р	6/20/2018	1044	3	100	3,82	<0.003
062018+3239-06	Ambient Air	P	6/20/2018	1044	0	100	0	<0.003
062018-3239-07	Field Blank	BL	6/20/2018		0	100		
062018-3239-08	Box Blank	BL	6/20/2018		0	100		

Carson Cain Analyst Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low 37, Med .24, High .16. NYS ELAP #11727

SIENNA ENVIRONMENTAL TECHNOLOGIES	ECHNOLOGIES	350 Elmwood Ave. • Buffalo, NY 14222 (₱) 716-332.3134 (₱) 716.332.3136	Buffalo, NY 14222 (F) 716.332.3136	Air Sampling Worksheet Chain of Custody	et
OG/20/18 Date Nike Missile BU-	Silo # 3 Work Area Location BU-34/35 Tentora Corp.	70 F/No Rain / Lou Temp/Rain/Wind 20171218	n / Low Wind	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour	AN ANDR
		605 Calibr	/ DC - Lite Primary Flow	Other Analysis (circle) TEM	A CONTRACTOR OF A CONTRACTOR O
	Pump # Sample Location	IB IWA OB OWA	B C Time (military) A C Start Stop Tot	Flow (LPM) Volume Beg End Avg (liters)	Results (f/cc)
0(2618-3239-01	1 - Eleveter Hath	68 OWA	P 1036 630	2.9 2.9	
03	Deren entrence	Hatch	1031 1C31 3Ca	2.9 2.9 7.9 1644	
ΰų			lC 33	2.9 2.9 2.9	
65	a entrance/exit.	Dirlock	1634 1634 360	2.9 2.9 2.9 1044	
79	int a	>	↓ 1035 1635 360	4401 6.5 P.5 P.5	
20	Field Blank				-
4 08	Bax Blank				
*					
Craig Mikids sampler	06 /20 /18 : Sketch 05	Sile D	Door Xoc Comments/Special Conditions		Xantax
Craif Muhn Relinquished by		1× 02	*	the party	ALL DATE
· Mo	v.	Tax Tax	R	24 5455	Property
necelveu by lab	EX FULLO				
		Fl. we the	Hath		



Attention:	Mark Lovejoy	Lab Project #:	S35555
Client:	Tantara Corporation	Sample Date:	6/21/2018
	54 Mason Street	Date Received	6/22/2018
	Worcester, MA 01610	Analysis Date:	6/22/2018
Project:	SET 3239- Nike Missile Silo BU- 34/35- Silo #3		

	PHASE CONTRAST MICROSCO	OPY BY NI	OSH METHOD	7400 , Fo	ourth Edit	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
062118-3239-01	Critical 1- Elevator Hatch	Р	6/21/2018	913.5	7.5	100	9.55	0.004
062118-3239-02	Critical 2- Silo Door Hatch	"P	6/21/2018	913.5	1	100	1.27	<0.003
062118-3239-03	Decon Entrance	Р	6/21/2018	913.5	2	100	2.55	<0.003
062118-3239-04	Decon Exit	Р	6/21/2018	913.5	3	100	3.82	<0.003
062118-3239-05	Work Area Entrance/Exit, Airlock	P	6/21/2018	913.5	2	100	2.55	<0.003
062118-3239-06	Negative Air Exhaust	P	6/21/2018	913.5	0	100	0	<0.003
062118-3239-07	Ambient Air	P	6/21/2018	913.5	1	100	1.27	<0.003
062118-3239-08	Field Blank	BL	6/21/2018		0	100		
062118-3239-09	Box Blank	BL	6/21/2018	<u> </u>	0	100		

Carson Cain

Analyst

2 Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample

C=Clearance BL=Blank

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour Q4 hour 48 hour Other	Analysis (circle)	t Beg End Avg (liters) (l/cc)	5 2.9 2.9 7.9 7.9 913.5 5 2.9 2.9 2.9 913.5	2.9 2.9 2.9	7 2.9 2.9 2.9 913.5	216 2.2 2.2 9.2	6.5				Comments/Special Conditions					
350 Elmwood Ave. • Buffalo, NY 14222 P 716-332.3134 E 716.332.3136	70 F/N/B Rain/Low Wrd Z0 (7 1218	CoS / DC - Lite Calibrator #	IB IMA B B Time (military) 0B 0MA A C 0B 0MA EX PE	212 1 1 1 2000 313 315 315	0862 [317]	airlack 0803 1518 315	0805 1320	V V V 0800 1371 315				¥-	leck Thetah		OLX.		Elevator Hatch
		Mark Lavered	Sample Location	Critical 1 - Elevator Hatch Critical 2 - Sila Dave Hatch	entrance	exit entraccifexit	cir exhaust	SIL	Field Blank	Box Blank		C6 /21 / 18 : Sketch			eloe	535355 03 K	•
SIENNA ENVIRONMENTAL TECHNOLOGIES	06/21/18 Date Nike Missile BU-34/35 Job Name	3239 Job#	Pump Sample Number #	C62118-3239-01 (1 50		07		← 0.0		Crain Mikila		Relinquished by		Received by lab	



		г	
Attention:	Mark Lovejoy	Lab Project #:	S35578
Client:	Tantara Corporation	Sample Date:	6/25/2018
	54 Mason Street	Date Received	6/26/2018
	Worcester, MA 01610	Analysis Date:	6/26/2018
Project:	SET 3239- Nike Missile Silo BU- 34/35- Silo #3		

	PHASE CONTRAST MICROSCO	OPY BY NI	OSH METHO) 7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
062518-3239-01	Critical 1- Elevator Hatch	А	6/25/2018	1479	3	100	3,82	<0.002
062518-3239-02	Critical 2- Silo Door Hatch	A	6/25/2018	1479	8	100	10.19	0.003
062518-3239-03	Decon Entrance	A	6/25/2018	1479	0.5	100	0.64	<0.002
062518-3239-04	Decon Exit	A	6/25/2018	1479	1	100	1.27	<0.002
062518-3239-05	Work Area Entrance/Exit, Airlock	Α	6/25/2018	1479	0	100	0	<0.002
062518-3239-06	Negative Air Exhaust	A	6/25/2018	1479	0	100	0	<0.002
062518-3239-07	Ambient Air	A	6/25/2018	1479	0	100	0	<0.002
062518-3239-08	Field Blank	BL	6/25/2018		0	100		
062518-3239-09	Box Blank	BL	6/25/2018		0	100		

Carson Cain

B=Background

CR=Clearance Rush

Analyst

P=Preparation

EX=Excursion Air

1 Approved Signatory

A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour Other Analysis (circle) PCM TEM other	aryl Flow (LPM) volume Results Tot Beg End Aug liters) liters) 510 2.4 2.4 2.4 2.4 1479 liters) 511 2.4 2.9 2.9 1479 liters) liters) 511 2.9 2.9 2.9 1479 liters) liters) 512 2.9 2.9 2.9 1479 liters) liters) 512 2.9 2.9 2.9 1479 liters) liters) 513 2.9 2.9 2.9 1479 liters) liters) 514 2.9 2.9 2.9 1479 liters) liters) 515 2.9 2.9 2.9 1479 liters) liters) 515 2.9 2.9 2.9 2.9 2.9 2.9 2.9 516 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 2.9 <td< th=""><th>Comments/Special Conditions</th></td<>	Comments/Special Conditions
350 Elmwood Ave. • Buffalo, NY 14222 P 716-332.3134 (F 716.332.3136	F/Nº Koin/Low Wid Temp/Rain/Wind 26171218 C 05 / DC-Lite C 05 / Primary Flow Calibrator #	IWA B Time (militalitation) OWA Ex E Start Stop OWA E E Start Stop E E Start Stop E E E E Start Stop E E E Start Stop<	Sila Dour Hatch X 02 Ny Sila Ny Comment X 02 Ny Sila Ny Sila Ny Sila Ny Sila Ny Sila Ny Comment Fluntch Fluntch Fluntch Fluntch
	Silo #3 Work Area Location Tan fare Cere. Client Client Client Low	Gritical I - Elucation Gritical I - Elucator Hatch Critical 2 - Silo Dur Hatch Deun exit Wurk erres entrance/exit, airlick Necotive air exhaurt Andrivet air Field Blank Bix Blank	OC 725 /18 : Sketch OC 725 /18 : Sketch 6 /26 /18 : B : C Hour 6 /26 /18 : B : C Hour 6 /26 /26 /26 /26 /26 /26 /26 /26 /26 /2
SIENNA ENVIRONMENTAL TECHNOLOGIES	0C/25/18 Date Date Nike M1551k BU-34/35 Job Name 3239 Job #	Sample Number Pump Sample Number # 0C2519 - 3239 - 01 0 03 03 04 03 05 03 07 03 08 03 09 03 09 03	Craig Mikids sampler Craw Muhu Relinquished by Received by lab



LABORATORY REPORT

Attention:	Mark Lovejoy	Lab Project #	S35589
Client:	Tantara Corporation	Sample Date:	6/26/2018
	54 Mason Street	Date Received:	6/27/2018
	Worcester, MA 01610	Analysis Date:	6/27/2018

Project: SET3239 - Nike Missile BU- 34/35 - Silo #3

Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
062618-3239-01	Critical 1 - Elevator Hatch	Α	6/26/2018	1479	4	100	5.1	<0.002
062618-3239-02	Critical 2 - Silo Door Hatch	A	6/26/2018	1479	2	100	2.55	<0.002
062618-3239-03	Decon Entrance	Α	6/26/2018	1479	4.5	100	5,73	<0.002
062618-3239-04	Decon Exit	A	6/26/2018	1479	5.5	100	7.01	0.002
062618-3239-05	Work Area Entrance/Exit, Airlock	Α	6/26/2018	1479	3	100	3.82	<0.002
062618-3239-06	Negative Air Exhaust	Α	6/26/2018	1479	0	100	0	<0.002
062618-3239-07	Ambient Air	A	6/26/2018	1479	3	100	3.82	<0.002
062618-3239-08	Field Blank	BL	6/26/2018		0	100		
062618-3239-09	Box Blank	BL	6/26/2018		0	100		

Amanda Bentley

Analyst

P=Preparation

EX=Excursion Air

B=Background

CR=Clearance Rush

Approved Signatory

A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour Other Analysis (circle) PCM TEM atter	Flow (LPM) volume Results $Rew (LPM)$ volume Results $C = 3 + 2$ $Z + 3 + 2$ $(11ers)$ $(17cc)$ $C = 2 + 3 + 2$ $Z + 3 + 1 + 74$ $(17e)$ $(17e)$ $C = 2 + 3 + 2$ $Z + 3 + 1 + 74$ (1476) (176) $C = 2 + 3 + 2 + 3 + 1 + 74$ (1476) (176) (176) $C = 2 + 3 + 2 + 3 + 1 + 74$ (1476) (1776) (1776) $C = 2 + 3 + 2 + 3 + 1 + 74$ (1776) (1776) (1776) $C = 2 + 3 + 2 + 3 + 1 + 74$ (1776) (1776) (1776) $C = 2 + 3 + 2 + 3 + 1 + 74$ (1776) (1776) (1776) $C = 2 + 3 + 2 + 3 + 2 + 3 + 1 + 74$ (1776) (1776) (1776) $C = 2 + 2 + 3 + 2 + 3 + 1 + 74$ (1776) (1776) (1776) $C = 2 + 2 + 3 + 2 + 3 + 1 + 74$ (1776) (1776) (1776) $C = 2 + 2 + 3 + 2 + 3 + 2 + 3 + 1 + 74$ (1776) (1776) (1776) $C = 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1$	Special Conditions
350 Elmwood Ave. • Buffalo, NY 14222 (₽) 716-332.3134 (₽) 716.332.3136	76 F/Ns Rain/Lew Wind 2017 218 665 DC-Lite Calibrator#	IBIWABTime (military)OBOWAExFEstartstopTotHatchOBOU/AA08%[C03516HatchIII06%[C02510IIII06%[C02510IIII06%[C02510IIIII06%510IIII06%[C02510IIIII06%510IIIII06%510IIIII06%104IIIIII106IIIIII106IIIIII106IIIIII106IIIIII106II <td>Image: Sile Door 02 × Comments/Special Conditions Sile Door Door Image: Sile Door Sile Sile Door Image: Sile Door Sile Sile Sile Sile Sile Sile Sile Sile</td>	Image: Sile Door 02 × Comments/Special Conditions Sile Door Door Image: Sile Door Sile Sile Door Image: Sile Door Sile Sile Sile Sile Sile Sile Sile Sile
	Silo # 3 Work Area Location BU-34/35 Tantara Corp. Client Mark Low of Client Contact	Pump # sample location Critical 1 - Elevester 1 Critical 2 - Silo Deer Decen entrance Necretive air extrance/exit Necretive air extrance/exit Recetive air extrance/exit Bex Blank	06 177 119 : Sketch 06 177 119 : Sketch 06 122 118 : 00 5 127 118 8:04 00 5 355 399 03 23
SIENNA ENVIRONMENTAL TECHNOLOGIES	06/20/18 Date Nike Missile BU Job Name 3239 Job #	sample Number OC 26 IB - 3239 - 01 02 03 03 05 06 06 06	Grais Mikida Sampler Grauy MMM Relinquished by Received by lab



			LABOR	RATORY REP	DRT				
Attention: Client: Project:	Tanta 54 Ma Worce	Lovejoy ara Corporation ason Street ester, MA 01610 239- Nike Missile BU- 34/35 - Silo #3					s Da	ab Project #: Sample Date: ate Received: analysis Date:	S3559 6/27/201 6/28/201 6/28/201
		PHASE CONTRAST MICROSCO	PY BY NI	OSH METHO	7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Samj	ple	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
062718-323	9-01	Critical 1 - Elevator Hatch	С	6/27/2018	1479	1	100	1.27	<0.002
062718-323	9-02	Critical 2 - Silo Door Hatch	С	6/27/2018	1479	4	100	5,1	<0.002
062718-323	9-03	Decon Entrance	С	6/27/2018	1479	6.5	100	8,28	0.002
062718-323	9-04	Decon Exit	С	6/27/2018	1479	2.5	100	3.18	<0.002
062718-323	9-05	Work Area Entrance/Exit, Airlock	с	6/27/2018	1479	3	100	3.82	<0.002
062718-323	9~06	Negative Air Exhaust	С	6/27/2018	1479	0	100	0	<0.002
062718-323	9-07	Ambient Air	С	6/27/2018	1479	3.5	100	4.46	<0.002
062718-323	9-08	Back Up Negative Air Machine	С	6/27/2018	1479	6	100	7.64	0.002
062718-323	9-09	Structure Under Elevator Hatch	с	6/27/2018	1479	7.5	100	9.55	0.002
062718-323	9-10	Near Airlock and Personnel Room	С	6/27/2018	1479	5.5	100	7.01	0.002
062718-323	9-11	Centered East Side of Elevator	с	6/27/2018	1479	5.5	100	7.01	0.002

062718-3239-12 Centered West Side of Elevator 7.01 С 6/27/2018 1479 0.002 5.5 100 062718-3239-13 Field Blank BL 6/27/2018 0 100 062718-3239-14 Box Blank BL 6/27/2018 0 100

> Amanda Bentley Analyst

Approved Signatory

B=Background CR=Clearance Rush

A=Abatement PE=Personal Air Sample

C=Clearance BL=Blank

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AL TECHNOLOGIES AL TECHNOLOGIES AL TECHNOLOGIES SI lo #3 SI lo #3 SI lo #3 SI lo #3 Technologies SI lo #3 Mach Leucy Calibration Calibrat	Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour	Other Analysis (c PCM TEM	Tot Beg End Avg (liters) (f/cc)	510 2.9 2.9 2.9 2.9 1479	-5-	510 2.9 2.9 2.9 1479	510 2.9 2.9 2.9 1479	510 2.9 2.9 2.9 1479	510 2.9 2.9 2.9 1479	510 29 29 2.9 2.9 1479	510 2.9 2.9 2.9 1479	511 2.9 2.9	510 2.9 2.9 2.9 1479	510 2.9 2.9	510 2.9 2.9 2.9 1479		CXX Comments/Special Conditions TLA		A lo	Airlock and H	x _	X hatel of M	Land and a second second
NNNA AL TECHNOLOGIES SI (0 #3 Work Area Location BU-34/35 Tentera Cup Mod Levery Critical I - Elevelter Math Critical I - Elevelter Math Critical I - Elevelter Math Critical I - Elevelter Math Critical I - Elevelter Math Decen extreme Negative Sir contact of eleverth Ambient air Criteral Less side of eleverth Criteral Less side of eleverth Criteral Less side of eleverth Criteral Less side of eleverth Structure Under Cluether hat Criteral Less side of eleverth Criteral Less side of eleverth	d Ave. • Buffalo, NY 14222 134 (آ) 716.332.3136	Kt Rein/I	orator #	NVA B P OWA A O	OWA C	- UNO	V-NO	NUO			2080 VMO	1 VA 0507 1C37	1WA 0705 1038	ILA 0509 1639	-1	1 0811			Dasr	Xo2 Sot To		Xol	Cyco Xo	El vator Hatch
AL TECHNOLOGIES AL TECHNOLOGIES BU-34/35 BU-34/35 Critical I - E Critical	350 Elmvooc (P) 716-332.3				Match	Hatch	0 B	08	lexit airlock		¢B ¢B	machine	tch	Nom	water	rector		Sketch OWA	Ħ		5		Decon	
Latrecht	LOGIES	Sila Work Area Lo Tentora	Client Mark (Client Con	Sample Locat	_	- 2 1			and	27	mbient air	ick up meatin	r under	airlock a	Fast	ul west			: \$1/22/30		••	1	335695	
Some number Sample Number Sample Number Sample Number Sample Number Sample Number Sample Number Sample Number Sample Number Sample Number Received by Received by Received by	TENN NONMENTAL TECHNO			Sample Number #	022718-3239-01 CA					_							-	-	MIKIZO	sampler	Relinquished by	Annuda Benkun	Received by lab	



			LABOR	RATORY REPO	ORT				
Attention:	Mark	Lovejoy					L	.ab Project #:	S35692
Client:	Tanta	ara Corporation	5	Sample Date:	7/9/2018				
	54 M	lason Street					Da	ite Received:	7/10/2018
	Word	cester, MA 01610					A	nalysis Date:	7/10/2018
Project:	SET	3239- Nike Missile BV- 34/35- Silo #5							
		PHASE CONTRAST MICROSCO	PY BY NI	OSH METHO) 7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Sam	ple	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
0709-3239-0	01	Decon Entrance- E. of Silo #5	P	7/9/2018	900	5.5	100	7.01	0.003
0709-3239-(02	Decon Exit- E. of Silo #5	P	7/9/2018	900	1	100	1.27	<0.003
0709-3239-(03	Ambient- NW Corner of Elev. Pad	Р	7/9/2018	900	2	100	2.55	<0.003
0709-3239-(04	Work Area Entrance- Silo #5 Stairs	Р	7/9/2018	900	1	100	1.27	<0.003
0709-3239-(05	Crit #1- W. of Hatch	Р	7/9/2018	900	1	100	1.27	<0.003
0709-3239-0	06	Crit. #2- S. of Hatch	Р	7/9/2018	900	0.5	100	0.64	<0.003
0709-3239-	07	Field Blank	BL	7/9/2018		0	100		
0709-3239-0	08	Box Blank	BL	7/9/2018		0	100		

Carson Cain Analyst Approved Signatory

Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI) Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low .37, Med .24, High .16. NYS ELAP #11727

Air Sampling Worksheet Chain of Custody <i>Turnaround (circle)</i> 3 hour 6 hour 24 hour 48 hour Other 48 hour Other TEM other circle)	Flow (LPM) Volume Results Beg End Avg (liters) (f/cc) C.S. Z.S. Z.S. Z.S. 2.S. 2.S. 2.S. 2.S. 2	Conditions
350 Elmwood Ave. • Buffalo, NY 14222 (j) 716-332.3134 ① 716.332.3136 714%/ // 0 - S Temp/RaIn/Wind 2017016 レークリ / DC - Lite Uoy / Primary Flow Calibrator #	IB IMA B P Time (military) 08 0WA P 5tart 5top Tot 08 0WA P 6730 1320 7to 2 08 0WA P 6730 1330 360 2 08 0WA P 6731 1331 360 2 08 0WA P 6737 1351 360 2 08 0WA P 0737 1355 360 2 08 0WA P 0735 1355 360 2 08 0WA P 0735 1355 360 2 08 0WA P 0735 1355 360 2 08 WA P 0735 1353 360 2 08 WA P 0735 1353 360 2 08 WA P 0735 1353 360 2 1 N P P P P P P	Hadd Comments/Special Conditions
Silo #5 WorkArea Location Tark Love of Corp Client Client Corp	ion Enhance-E. of Silo 45 con Ext- E. of Silo 45 con Ext- E. of Silo 45 molent- NW Conv of Elev. Pad ark Aren Enhance-Silo 455 Anirs i.t. #2- Si of Hakch Fill Plank Bank Bank	71918 : sketch ox 71918 : sketch ox 71918 : sketch ox 710118 8:5 710118 8:5
SIENNA ENVIRONMENTAL TECHNOLOGIES ENVIRONMENTAL TECHNOLOGIES Date Date Date Date Job Name Job Mame	Sample Number # Sample Number # 0705-3239-01 Decon 03 Aunol 04 Nuert 05 Cr.t.t.t f.r.t.	Received by lab



	LABORATORY RE	PORT	
Attention:	Mark Lovejoy	Lab Project #:	S35706
Client:	Tantara Corporation	Sample Date:	7/10/2018
	54 Mason Street	Date Received:	7/11/2018
	Worcester, MA 01610	Analysis Date:	7/11/2018
Project:	SET 3239- Nike U/G Missile Silo BU 34/35- Silo #5		

Silo BU 34/35- Silo #5 39- MIKE U/G MISSIR

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400, Fourth Edition, Issue 2, 8/15/94 Sample Location Sample Date Volume Туре Fibers Fields Fibers/mm2 Fibers/cc 0710-3239-01 Decon Ent.- E. of Silo Α 7/10/2018 1250 1 100 1.27 < 0.002 0710-3239-02 Decon Exit- El of Silo Α 7/10/2018 1250 2 100 2.55 <0.002 0710-3239-03 Ambient- NW of Elev. Pad 7/10/2018 А 1250 1.5 100 1.91 < 0.002 0710-3239-04 Work Area Ent - on Stairway Α 7/10/2018 1250 0 100 0 <0.002 0710-3239-05 Crit #1- N. of Elev. Pad Α 7/10/2018 1250 1 100 1.27 <0.002 0710-3239-06 Crit #2- S. of Elev. Pad A 7/10/2018 1250 0 100 0 < 0.002

		••		1200	· ·	100	Ŭ	-0.002
0710-3239-07	Neg. Air Exhaust- Elev. Hatch	A	7/10/2018	1250	0	100	0	<0.002
0710-3239-08	Field Blank	BL	7/10/2018		0	100		
0710-3239-09	Box Blank	BL	7/10/2018		0	100		

Carson Cain Analyst

-Approved Signatory

B=Background **CR=Clearance Rush** A=Abatement PE=Personal Air Sample

C=Clearance **BL=Blank**

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low .37, Med .24, High .16. YS ELAP #11727

		Results (f/cc)	
Air Sampling Worksheet Chain of Custody	d (circle) 6 hour 48 hour (circle) other	Volume (liters) 12.50 12.50 12.50 12.50 12.50 12.50 12.50 12.50	
Sampling Worksh Chain of Custody	Turnaround (circle) our 6 hou hour 48 ho other 48 ho Analysis (circle) TEM	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	2
Air Sam Cha	a hour 24 hour Othe PCM	Flow (LPM) Beg End 2,5 2,5 2 2,5 2 2,5 2,5 2 2,5 2,5 2,5 2 2,5 2,5 2 2,5 2,5 2,5 2 2,5 2,5 2,5 2,5 2 2,5 2,5 2,5 2,5 2,5 2,5 2,5 2,5 2,5 2,5	Conditio
-			Comments/Special Conditions
14222 3136	DC - Lite Primary Flow	Time (military) Start Stop Tot Beg 0742 [662 500 2.5 0747 [663 500 2.5 0747 [663 500 2.5 0747 [603 500 2.5 0749 [609 500 2.5 0749 [609 500 2.5 0749 [600 500 2.5 079 [600 50 2.5	
Buffalo, NY 1422 (F) 716.332.3136	No 0-5 Temp/Rain/Wind 0116 Calibrator #		42
350 Elmwood Ave. • Buffalo, NY 14222 (₱) 716-332.3134 (₣) 716.332.3136	75/No Temp/Ra 20170116 404	OB OWA OB OWA	2 ALT
350 Elmwood Ave (₱) 716-332.3134	202	ct a	Le go x x o
			Se l
	NO N	THE LAT	Sketch
	S: 10 #5 Work Area Location Tan Parce Co Client Client Correct	Sample Sample Exhaux Pank	······································
S	Ma	X C Y H H H H H H H H H H H H H H H H H H	7/10/18 8/10/17 8/1/17 575 26
NOLOGIE	sylts of	AZUUT	A .
ONMENTAL TECHNO	g 09:50	Pump	
SIENNA NA NA ENVIRONMENTAL TECHNOLOGIES	7/10/18 N: 4e U/6 Miss: 1eS: 60 BV 34/15 3239 Job Hame	100 4 - 01 00 00 00 00 00 00 00 00 00 00 00 00 0	Semular Sampler
	7/10/18 Date Job Name 3239 Job #	Sample Number 59 - 525 - 6 59 - 5259 - 6 59 - 5259 - 6 59 - 50 - 50 - 50 - 50 - 50 - 50 - 50 -	
S	N	0710	S V

EMSL Analytical, Inc. 490 Rowley Road Depew, NY 14043 Tel/Fax: (716) 651-0030 / (716) 651-0394 http://www.EMSL.com / buffalolab@emsl.com	EMSL Order: 141803488 Customer ID: SIET21 Customer PO: Project ID:	
Attention: Sean Fitzgerald	Phone: (716) 332-313	34
Sienna Environmental Technologies	Fax: (716) 332-313	6
350 Elmwood Avenue	Received Date: 07/12/2018 8	:00 AM
Buffalo, NY 14222	Analysis Date: 07/12/2018	
	Collected Date: 07/11/2018	
Project: 3239 Nike Missile BU 34/35, Silo #5		

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc Notes	
0711-3239-01	Decon Entry- E. of Silo	7/11/2018	1287.50	<5.5	100	0.002	<7.01	<0.002	
141803488-0001									
0711-3239-02	Decon Exit- E. of Silo	7/11/2018	1287.50	<5.5	100	0.002	<7.01	<0.002	
141803488-0002									
0711-3239-03	Ambient- N. of Elev. Pad	7/11/2018	1287.50	<5.5	100	0.002	<7.01	<0.002	
141803488-0003									
0711-3239-04	Work Area Ent Stairway to Silo	7/11/2018	1287.50	<5.5	100	0.002	<7.01	<0.002	
141803488-0004									
0711-3239-05	Crit. #1- N. of Elev. Hatch	7/11/2018	1287.50	<5.5	100	0.002	<7.01	<0.002	
141803488-0005									
0711-3239-06	Crit. #2- SE of Elev. Hatch	7/11/2018	1287.50	<5.5	100	0.002	<7.01	<0.002	
141803488-0006									
0711-3239-07	Neg. Air Exhaust- Elev. Hatch	7/11/2018	1287.50	<5.5	100	0.002	<7.01	<0.002	
141803488-0007									
0711-3239-08	Field Blank	7/11/2018	0.00	<5.5	100		<7.01	Field Blank	
141803488-0008									
0711-3239-09	Box Blank	7/11/2018	0.00	<5.5	100		<7.01	Field Blank	
141803488-0009									

The results reported have been blank corrected as applicable.

Analyst(s):

Joseph Gentile PCM (9)

Ac Lee hon

Rhonda McGee, Laboratory Manager or Other Approved Signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.41, 21-50 fibers = 0.30, 51-100 fibers = 0.22. Inter-laboratory SR values (Average of EMSL round robin data) = 0.32. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

Initial report from: 07/12/2018 15:00:04

OrderID: 141803488		
	Results (f/cc)	
orksheet stody d (circle) 6 hour 48 hour (circle)	Volume (liters) (liters) (12,87,5 (12,87,5 (12,87,5 (12,87,5 (12,87,5 (12,87,5 (12,87,5 (12,87,5) (12,87,5	
O 34 88 Sampling Workshe Chain of Custody Turnaround (circle, 3 hour 6 hou 24 hou 48 ho Other 48 ho	8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
14180 34 88 Air Sampling Worksheet Chain of Custody Turnaround (circle) 3 hour 6 hour 24 houn 0ther Analysis (circle) PCM TEM	Flow (LPM) Beg End 2.5 2.5 2 2.5 2 2.5 2 2.5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	cial Conditio
		Comments/Special Conditions
Y 14222 2.3136 2.3136 DC - Lite Primary Flow	8 6666666	Decon Ke Co
350 Elmwood Ave. • Buffalo, NY 14222 (14) 716-332.3134 (15) 716.332.3136 80 / No / 0-5 Temp/Rain/Wind 20170116	INA B C OWA A C OWA A OWA A BL BL	
850 Elmwood Ave. • Bur (a) 716-332.3134 (b) 80/10/ 70170116 70170116 704	18 00 08 01 01 01 01 01 01 01 01 01 01 01 01 01	LIM e cos x
350 Elm () 716	Hech Hech Hech	Xei Xeb
	ion Silo Silo Stateway 40 Elevi Hatch - Elevi Hatch	Sketch DB BC BD BC
St/0 # 5 Work Area Location and a ran Corp Client Contact		
Silo#5 Work Area Locati an fortan	L'I L'ALAS	
	en tat. en tat. er to tat. er to tat.	7/11/18 7/11/18 1/11/18
ZCHNOLO	Pump Pump Auril Decen Auril Decen	
SIENNA ENVIRONMENTAL TECHNOLOGIES ENVIRONMENTAL TECHNOLOGIES In 1/18 Date Job Name Job Name	- NNJ 1 9000	t by lab
SIE ENVIRONME TILIIS Date NikeMiscile Job Name TZZS	Sample Number - 3239 - 6 - 5239	Standard Sampler Relinquished by Received by lab
Wiken	mes	Kemt Kemt

Page 1 Of

1

EMSL	EMSL Analytical, Inc. 490 Rowley Road Depew, NY 14043 Tel/Fax: (716) 651-0030 / (716) 651-0394 http://www.EMSL.com / buffalolab@emsl.com	EMSL Order: Customer ID: Customer PO: Project ID:	
Attention:	Sean Fitzgerald	Phone:	(716) 332-3134
	Sienna Environmental Technologies	Fax:	(716) 332-3136
	350 Elmwood Avenue	Received Date:	07/12/2018 4:56 PM
	Buffalo, NY 14222	Analysis Date:	07/13/2018
		Collected Date:	07/12/2018
Project:	3239 Nike Missile BU 34/35 Silo #5		

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
0712-3239-01	decon ent - E. of Elev. Pad	7/12/2018	1050.00	<5.5	100	0.003	<7.01	<0.003	
141803536-0001									
0712-3239-02	decon exit - E. of Elev. Pad	7/12/2018	1050.00	<5.5	100	0.003	<7.01	<0.003	
141803536-0002									
0712-3239-03	ambient - NE. of Elev. Pad	7/12/2018	1050.00	<5.5	100	0.003	<7.01	<0.003	
141803536-0003									
0712-3239-04	work area ent on	7/12/2018	1050.00	<5.5	100	0.003	<7.01	<0.003	
141803536-0004	stairway								
0712-3239-05	crit 1 - N. of Elev. Hatch	7/12/2018	1050.00	<5.5	100	0.003	<7.01	<0.003	
141803536-0005									
0712-3239-06	crit 2 - SW of Elev. Hatch	7/12/2018	1050.00	<5.5	100	0.003	<7.01	<0.003	
141803536-0006									
0712-3239-07	Neg. air exhaust - on Elev.	7/12/2018	1050.00	<5.5	100	0.003	<7.01	<0.003	
141803536-0007	Hatch								
0712-3239-08	IWA 1 - NW in main room	7/12/2018	900.00	34	100	0.003	43.3	0.019	
141803536-0008									
0712-3239-09	IWA 2 - SW in main room	7/12/2018	900.00	22	100	0.003	28.0	0.012	
141803536-0009									
0712-3239-10	IWA 3 - NE in main room	7/12/2018	900.00	36	100	0.003	45.9	0.020	
141803536-0010									
0712-3239-11	IWA 4 - SE in main room	7/12/2018	900.00	27	100	0.003	34.4	0.015	
141803536-0011									
0712-3239-12	IWA 5 - Middle of escape	7/12/2018	900.00	15	100	0.003	19.1	0.008	
141803536-0012	room								
0712-3239-13	field blank	7/12/2018	0.00	<5.5	100		<7.01		Field Blank

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.41, 21-50 fibers = 0.30, 51-100 fibers = 0.22. Inter-laboratory SR values (Average of EMSL round robin data) = 0.32. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

Initial report from: 07/13/2018 15:40:12

	EMSL Analytical, Inc. 490 Rowley Road Depew, NY 14043 Tel/Fax: (716) 651-0030 / (716) 651-0394 http://www.EMSL.com / buffalolab@emsl.com	EMSL Order: Customer ID: Customer PO: Project ID:	
Attention:	Sean Fitzgerald	Phone:	(716) 332-3134
	Sienna Environmental Technologies	Fax:	(716) 332-3136
	350 Elmwood Avenue	Received Date:	07/12/2018 4:56 PM
	Buffalo, NY 14222	Analysis Date:	07/13/2018
		Collected Date:	07/12/2018
Project:	3239 Nike Missile BU 34/35 Silo #5		

Sample	Location	Sample Date	Volume (liters)	ibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes	
141803536-0013										
0712-3239-14	blank box	7/12/2018	0.00	<5.5	100		<7.01		Field Blank	
141803536-0014										

The results reported have been blank corrected as applicable.

Analyst(s):

Joseph Gentile PCM (14)

McLee hone

Rhonda McGee, Laboratory Manager or Other Approved Signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.41, 21-50 fibers = 0.30, 51-100 fibers = 0.22. Inter-laboratory SR values (Average of EMSL round robin data) = 0.32. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

Initial report from: 07/13/2018 15:40:12

OrderID	1418035	36						in in							_				
	in the second	L	Results (f/cc)																(the
1 41803536 Air Sampling Worksheet Chain of Custody	Turnaround (circle)3 hour6 hour24 hour48 hour	PCM Analysis (circle)) Flow(LPM) Volume ot Beg End Avg (liters)		20 2.5 2.5 2.5 1050	2.5 2.5 2.5	2.5 2.5 2.5	2.52.5	2.5 2.5	200/ 2°2 2°2 400	7.5 2.5	2,52,5	3602.52.52.5 900			Comments/Special Conditions Please call Sean F.	0	TH-331-6882	BV. Child Highly 920
350 Elmwood Ave. • Buffalo, NY 14222 P 716-332.3134 ① 716.332.3136	Temp/Rah/Wind ZOITOIL6	Hoy DC - Lite Calibrator #	IB IW/A B P Time (military) 0B OW/A A C Start Stop Tot	06 04 A/C 0720 1450 420 20	0151 1451 420 2.5	0153 1453 430	orth 3541 SSLO	> > >	N 08 0WA 07571451	15 1WA 050 HIL 36	schl	-	1 B 1W/A A/C 08-29 1439	10 10		N TIMA Comments/spec	1 m 01× 50×	Active X XLI	
	Silo#S Work Area Location	Mark Loveroy Client Contact	Sample Location	Ent. E. of Elev. F	Decen Exit - E. of Elev. Pad A. Disat - NEaf Flor Pad	le drea Ent On Stair	Cost 1 - N: of Eleve Hatch	v. Hat	. Asr Exhaust- On Ele	Main F	21	1.1.1	Indole of Esca		box glank	Can Fitzgeral 7/12/18 : Sketch out	7/12/18 : ×00		
SIENNA ENVIRONMENTAL TECHNOLOGIE	1/12/18 Wike Miscile BU 34/38	Job Name 7239 Job #	Pump Sample Number #	0-112-3239-01	20	64	. 50	Ole	10	80	0)	11	12	1	41-6525-7110	SED Centifica		And had by	Received by lab

Page 1 Of

EMSL	EMSL Analytical, Inc. 490 Rowley Road Depew, NY 14043 Tel/Fax: (716) 651-0030 / (716) 651-0394 http://www.EMSL.com / buffalolab@emsl.com	EMSL Order: Customer ID: Customer PO: Project ID:	
Attention:	Craig Mikida	Phone:	(716) 392-8041
	Sienna Environmental Technologies	Fax:	(716) 332-3136
	350 Elmwood Avenue	Received Date:	07/16/2018 3:06 PM
	Buffalo, NY 14222	Analysis Date:	07/16/2018
		Collected Date:	07/16/2018
Project:	3239 / Nike Missile BU-34/35, Silo #5		

Sample	Location	Sample Date	Volume (liters)	Fibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes
071618-3239-01	Back Up Negative Air Machine	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0001									
071618-3239-02	Structure Under Elevator Hatch	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0002									
071618-3239-03	Near Airlock and Personnel Room	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0003									
071618-3239-04	Centered East Side of Silo Door	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0004									
071618-3239-05	Centered West Side of Silo Door	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0005									
071618-3239-06	Critical 1 - Elevator Hatch	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0006									
071618-3239-07	Critical 2 - Vent Hatch	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0007									
071618-3239-08	Decon Entrance	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0008									
071618-3239-09	Dexon Exit	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0009									
071618-3239-10	Work Area Entrance/Exit, Airlock	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0010									
071618-3239-11	Negative Air Exhaust	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0011									
071618-3239-12	Ambient Air	7/16/2018	1044.00	<5.5	100	0.003	<7.01	<0.003	
141803615-0012									
071618-3239-13	Field Blank	7/16/2018	0.00	<5.5	100		<7.01		Field Blank

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.41, 21-50 fibers = 0.30, 51-100 fibers = 0.22. Inter-laboratory SR values (Average of EMSL round robin data) = 0.32. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

Initial report from: 07/16/2018 16:18:13

EMSL	EMSL Analytical, Inc. 490 Rowley Road Depew, NY 14043 Tel/Fax: (716) 651-0030 / (716) 651-0394 http://www.EMSL.com / buffalolab@emsl.com	EMSL Order: Customer ID: Customer PO: Project ID:	
Attention:	Craig Mikida	Phone:	(716) 392-8041
	Sienna Environmental Technologies	Fax:	(716) 332-3136
	350 Elmwood Avenue	Received Date:	07/16/2018 3:06 PM
	Buffalo, NY 14222	Analysis Date:	07/16/2018
		Collected Date:	07/16/2018
Project:	3239 / Nike Missile BU-34/35, Silo #5		

Sample	Location	Sample Date	Volume (liters) F	ibers	Fields	LOD (fib/cc)	Fibers/ mm²	Fibers/ cc	Notes	
141803615-0013										
071618-3239-14	Box Blank	7/16/2018	0.00	<5.5	100		<7.01		Field Blank	
141803615-0014										

The results reported have been blank corrected as applicable.

Analyst(s):

Michelle Skillman PCM (14)

Ac Lee hone

Rhonda McGee, Laboratory Manager or Other Approved Signatory

Limit of detection is 7 fibers/mm². Intra-laboratory Sr values: 5-20 fibers = 0.41, 21-50 fibers = 0.30, 51-100 fibers = 0.22. Inter-laboratory SR values (Average of EMSL round robin data) = 0.32. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. EMSL is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. Results have been blank corrected as applicable. The results in this report meet all requirements of the NELAC standards unless otherwise noted. Samples analyzed by EMSL Analytical, Inc. Depew, NY NYS ELAP 11606

Initial report from: 07/16/2018 16:18:13

OrderID: 141803615	
	Results (H(cc) (H(cc) (H(cc) (H(cc))) (H(cc)) (H(cc)))) (H(cc)))(H(cc)))(H(cc)))(H(cc)))(H(cc)))(H(cc)
18 05610 Air Sampling Worksheet Chain of Custody Turnaround (circle) 3 hour 24 hour 24 hour 24 hour Analysis (circle) Analysis (circle) PEM TEM other	Nolume Re Aug Volume Re Z:9 1044 1 Z:9 1044 2 Z:9 1044 2 Z:9 1044 3 Z:9 2.9 1 Z:9 2.9 1 Z:9 2.9 1 Z:9 2.9 2 Z:9 2.9 2 Z:9 2.9 2 Z:9 2.9 2 Z:9 3
05610 Sampling Workshe Chain of Custody Turnaround (circle) (a hour 6 hou 24 hour 48 ho 24 hour 48 ho Other 7EM	
Air Sampling Air Sampling Chain of (Chain of (Luman 24 hour 24 hour Other Analy	
	Time (military) Flow (LPI) Start Stop Tot Beg End Start Stop Tot Beg End SYST 1431 32.6 2.4 SYST 1431 32.6 2.4 2.9 SYST 1431 32.6 2.4 2.9 SYST 1432 32.6 2.9 2.9 SYST 1435 32.6 2.9 2.9 SYST 1436 32.6 2.9 2.9 SYST 1437 32.6 2.9 2.9 SYST 1441 36 2.9
14222 	Time 5tart te 5tart
350 Elmwood Ave. • Buffalo, NY 14222 (b) 716-332.3134 (E) 716.332.3136 (E) 716-332.3134 (E) 716.332.3136 (E) 716-332.3134 (E) 716.332.3136 (E) 716-332.3134 (E) 716.332 (E) 05 (E) 710 (E) 716.322 (E) 05 (E) 710 (E) 71	Hatch Hatch
350 Elmwood Ave (B) 716-332,3134 (B) 716-332,3134 (B) 716-332,3134 20180321 C 05 0 0 0 0 0 0 0 0 0 0 0 0 0	B B
@ 716 @ 716 2018 2018	× 5 Tod St St St
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	mple Loc time to the side of t
Sile #5 Work Area Loc Tantara Client Client Cont	1/19 Allant arts Lean
	Back up Structured Structured Centered Contered Centered Contered Contered Contered Contered Contered Contered Contered Contered Contered Contered Contered Contered Contered Contered Contered Contered Contered Contered Contered
NTAL TECHNOLOGIE	dund dund
	le Number 3239-01 3239-01 03 03 03 03 03 03 03 03 03 03 03 03 03
SIE ENVIRONME Date Nike Missile Job Name 3239	Sample Number Sample Number O71613 - 3239 - Craig Mikid Sampl Relinquish Received I
and FI	Page 1 Of 1



	LABORATORY REPOR	Г	
Attention:	Mark Lovejoy	Lab Project #:	S35791
Client:	Tantara Corporation	Sample Date:	7/17/2018
	54 Mason Street	Date Received:	7/17/2018
	Worcester, MA 01610	Analysis Date:	7/18/2018
Project:	SET 3239- Nike Missile BU- 34/35- Silo #4		

	PHASE CONTRAST MICROSCO	OPY BY NI	OSH METHO	7400, F o	ourth Editi	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
071718-3239-01	Critical 1- Elevator Hatch	Р	7/17/2018	957	0	100	0	<0.003
071718-3239-02	Critical 2- Silo Door Hatch	Р	7/17/2018	957	1	100	1.27	<0.003
071718-3239-03	Decon Entrance	P	7/17/2018	957	0	100	0	<0.003
071718-3239-04	Decon Exit	Р	7/17/2018	957	0	100	0	<0.003
071718-3239-05	Work Area Entrance/Exit, Airlock	P	7/17/2018	957	1	100	1.27	<0.003
071718-3239-06	Ambient Air	P	7/17/2018	957	0	100	0	<0.003
071718-3239-07	Field Blank	BL	7/17/2018		0	100		
071718-3239-08	Box Blank	BL	7/17/2018		0	100		

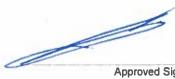
Carson Cain Analyst

P=Preparation

EX=Excursion Air

A=Abatement

PE=Personal Air Sample



Approved Signatory

C=Clearance

BL=Blank

B=Background CR=Clearance Rush

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low 37, Med .24, High .16. NYS ELAP #11727

		Results (f/cc)	
/orksheet Istody	Turnaround (circle) ur 6 hour Dur 48 hour ther Analysis (circle) TEM other	Volume (liters) 457 457 957 957 957	
Air Sampling Worksheet Chain of Custody	Turnarouno 3 hour 24 hour Other Analysis (Analysis (CM) TEM	Flow (LPM) E End Ave 2.9 2.9 1 2.9 2.9	onditions
Air	Wind the the	Beg 22.9	Comments/Special Conditions
Buffalo, NY 14222 (F) 716.332.3136	DC - L Prima	B D Time (military) A C Start Stop Tot P 0955 1425 330 0855 1427 330 0856 1428 30 0856 1428 3	× T
• ai	No Rain/Wind Temp/Rain/Wind 3321 Calibrator #	B IWA OB OWA OB OWA OWA OWA	Silo Con Hatch
350 Elmwood Av © 716-332.3134	75.F/No Tem 20180321 605	tch tch	Ner Stranger
	Lation Carp.	ocation abr Hatch Door Ha neelexit, a	etch Stetch
	Silo #4 Work Area Location Tantara Carp Client Cover of Client Contact	sample Location I - Eleverbr I 2 - Silo D contrance cxit arra entrance Blank Blank	<u>>></u>
		Critical 1 - E Critical 2 - S Critical 2 - S Decon critance Decon critance Nork are e Ambicat ar Box Blank Box Blank	07/17/18 21/17/18 23579(
N TECHN	<u>BU - 34/35</u>	Pump #	
SIENNA ENVIRONMENTAL TECHNOLOGIES			MIKIJA Sampler MuMu Relinquished by Received by lab
	07/17/18 Date NiKe Missile Job Name 3239	Sample Numl	Craig Craig



Work Area Entrance/Exit, Airlock

Negative Air Exhaust

Ambient Air

Field Blank

Box Blank

			LABOF	RATORY REPO	ORT				
Attention:	Mark	Lovejoy					L	.ab Project #:	S35799
Client:	Tanta	ara Corporation	5	Sample Date:	7/18/2018				
	54 Ma	ason Street					Da	ate Received:	7/19/2018
	Worc	ester, MA 01610					A	nalysis Date:	7/19/2018
Project:	SET	3239- Nike Missile BU-34/35- Silo #1							
		PHASE CONTRAST MICROS	COPY BY NI	OSH METHO) 7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Sam		PHASE CONTRAST MICROS Location	COPY BY NI Type	OSH METHOI Sample Date	7400, F o Volume	Fibers	ion, Issue Fields	2, 8/15/94 Fibers/mm2	Fibers/cc
Sam 071818-323	ple								Fibers/cc <0.002
	nple 39-01	Location	Туре	Sample Date	Volume		Fields	Fibers/mm2	
071818-323	nple 39-01 39-02	Location Critical 1- Elevator Hatch	Туре А	Sample Date 7/18/2018	Volume 1392	Fibers 1	Fields 100	Fibers/mm2 1.27	<0.002

7/18/2018

7/18/2018

7/18/2018

7/18/2018

7/18/2018

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< 0.002

A

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Α

BL

BL

Carson Cain

Analyst

Approved Signatory

B=Background CR=Clearance Rush

071818-3239-05

071818-3239-06

071818-3239-07

071818-3239-08

071818-3239-09

P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

Results relate only to samples as provided by client. This faboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI) Minimum volume of 900L required by NIOSH Method 7400 to reach Ct of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low.37, Med. 24, High .16: NYS ELAP #11727

Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour Other Analysis (circle) 2500 TEM ather	Flow (LPM) volume Results Beg End Avg (liters) (f/cc) 2.9 2.9 2.9 1392 (f/cc) 2.9 2.9 1392 (f/cc) (f/cc) 2.9 2.9 2.9 1392 (f/cc) 2.9 2.9 1392 (f/cc) (f/cc) 1 2.9 2.9 1392 (f/cc) (f/cc) 1 2.9 2.9 1392 (f/cc) (f/cc) (f/cc) 1 1 1	Comments/Special Conditions
350 Elmwood Ave. • Buffalo, NY 14222 ④ 716-332.3134	2019 0321 Zo19 0321 Ges Calibrator #	IB IMA B Time (military) OB OWA A C DB OWA A ORTH (24) H F 6825 4% P P 0825 4% P P 102 102 P P 102 </td <td>Elwater Door X 000 exhaurt</td>	Elwater Door X 000 exhaurt
	Silo #1 Work Area Location Textbra Caro Client Client Love:	Sample Location Critical I - Elevator Hatch Critical 2 - Elevator Hatch Critical 2 - Elevator Door Decon exit Nork ora entrancelexit, arrlock Negatur air exhaust Amblight air Box Blank Box Blank	07/18/18 : sketch 07/18/18 : 0 7/9/18/18 : 0 53/799 : 0 53/799 : 0 05 05 05 05 05 05 05 05 05 05 05 05 05
SIENNA ENVIRONMENTAL TECHNOLOGIES	07/18/18 Date Date Date NiKe Missile BU-34/35 Job Name 3239 Job #	Sample Number # Sample Number # 07 03 03 03 03 03 03 03 03 07 07 07 07 07 07 07	Graig MikiJa Sampler Cruig Muhulu Relinquished by Received by lab



	LABORATORY REPORT						
Attention:	Mark Lovejoy	Lab Project #:	S35816				
Client:	Tantara Corporation	Sample Date:	7/19/2018				
	54 Mason Street	Date Received:	7/20/2018				
	Worcester, MA 01610	Analysis Date:	7/20/2018				
Project ¹	SET 3239, Nike Micsile BI 1-34/35, Silo #1						

Project: SET 3239- Nike Missile BU-34/35- Silo #1

	PHASE CONTRAST MICROSCO	OPY BY NI	OSH METHOD	7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
071918-3239-01	Critical 1- Elevator Hatch	A	7/19/2018	1218	0	100	0	<0.002
071918-3239-02	Critical 2- Elevator Door	Α	7/19/2018	1218	0	100	0	<0.002
071918-3239-03	Decon Entrance	Α	7/19/2018	1218	1	100	1,27	<0.002
071918-3239-04	Decon Exit	A	7/19/2018	1218	2.5	100	3.18	<0.002
071918-3239-05	Work Area Entrance/Exit, Airlock	A	7/19/2018	1218	0.5	100	0.64	<0.002
071918-3239-06	Negative Air Exhaust	Α	7/19/2018	1218	4	100	5.1	<0.002
071918-3239-07	Ambient Air	Α	7/19/2018	1218	0	100	0	<0.002
071918-3239-08	Field Blank	BL	7/19/2018		0	100		
071918-3239-09	Box Blank	BL	7/19/2018		0	100		

Carson Cain

Analyst

1 Approved Signatory

A=Abatement PE=Personal Air Sample C=Clearance **BL=Blank**

B=Background **CR=Clearance Rush**

P=Preparation EX=Excursion Air

Page 1 of 1

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reprote that in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI) Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges. Low 37, Med. 24, High. 16, NYS ELAP #11727

	1.	Results (f/cc)				
Air Sampling Worksheet Chain of Custody	d (circle) 6 hour 48 hour (circle) other	Volume (liters) 12.18 12.18	1218 1218 1218	1218		
Sampling Worksh Chain of Custody	Turnaround (circle our 6 hou hous 48 ho Other Analysis (circle) TEM	PM) Avg 2.9	シンジ	6.2	2	
Air Sam Chai	a hour 3 hour 24 hour Othe	Flow (LPM) Beg End , Z 9 2 9 2	2 6.	62 62	ial Condition	1.00
_		ary) Tot 426		2420	Comments/Special Conditions	
14222 3136	DC - Lite	Time (military) Start Stop To 0524 1524 42 0525 1525 42	0826 1520 0827 1527 0828 1528	8291529 8301530	Columnation of the second seco	
350 Elmwood Ave. • Buffalo, NY 14222 (₱) 716-332.3134 (₽) 716.332.3136	b Kain /L Temp/Rain/Wind			->	0 0	S'X
350 Elmwood Ave. • (Ê) 716-332.3134	/Na F Temp/F 521	IB IWA OB OWA OB OUA	·			
350 Elmv (P) 716-3	70 F / No 20180321 605		airlock			
		Hatch	-			
	cation corp.	i i		trocha	X O Sketch	5 Decon m
	Silo #1 Work Area Location Isn tara Corp. Client Love	Sample Locat 1 - FLUICHER 2 - FLUICHER	exit exit	J L X		7 120116 8 51 535616
	Tent S	- ~	0	Ambient air Ambient air Bex Blank	07/19/18	7 ,Denl
SIENNANA TECHNOLOGIES	· · · · ·	Critical	Decen	Neccture Field B Box Blo	0 5	
LTECH	BU-34/35	dund			3 2	
	18 Date 5 1 Le BU- 10 b Name	nber 9 = 01	03 04 05	35 35	MIKIJa Sampler Muhur Relinquished by	Received by lab
		5 ample Number 671918 – 3239 –		>	Reli	Rece
B	07/19/ Nike M. 3239	5 0719			Craig	V



Attention:	Mark Lovejoy	Lab Project #	S35853				
Client:	Tantara Corporation	Sample Date:	7/23/2018				
	54 Mason Street	Date Received:	7/24/2018				
	Worcester, MA 01610	Analysis Date:	7/24/2018				
Project:	SET 3239- Nike Missile Silo BU-34/35- Silo #1						

	PHASE CONTRAST MICROSCO	PY BY NI	OSH METHO) 7400, F a	ourth Editi	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
072318-3239-01	Back up Negative Air Machine	С	7/23/2018	1392	0.5	100	0.64	<0.002
072318-3239-02	Negative Air Machine	С	7/23/2018	1392	1	100	1,27	<0.002
072318-3239-03	Center of Silo Under Elevator Doors	С	7/23/2018	1392	0,5	100	0.64	<0.002
072318-3239-04	East Side of Silo (North)	С	7/23/2018	1392	1	100	1.27	<0.002
072318-3239-05	East Side of Silo (South), Near Airlock	С	7/23/2018	1392	1	100	1.27	<0.002
072318-3239-06	Critical 1- Elevator Hatch	C	7/23/2018	1392	0	100	0	<0.002
072318-3239-07	Critical 2- Elevator Door	С	7/23/2018	1392	2	100	2.55	<0.002
072318-3239-08	Decon Entrance	С	7/23/2018	1392	5	100	6.37	<0.002
072318-3239-09	Decon Exit	С	7/23/2018	1392	5	100	6.37	<0.002
072318-3239-10	Work Area Entrance/Exit, Airlock	С	7/23/2018	1392	3	100	3.82	<0.002
072318-3239-11	Negative Air Exhaust	С	7/23/2018	1392	0	100	0	<0.002
072318-3239-12	Ambient Air	с	7/23/2018	1392	1	100	1.27	<0.002
072318-3239-13	Field Blank	BL	7/23/2018		0	100		
072318-3239-14	Box Blank	BL	7/23/2018		0	100		

Carson Cain Analyst

A=Abatement PE=Personal Air Sample **Approved Signatory** C=Clearance

BL=Blank

1

B=Background CR=Clearance Rush

P=Preparation **EX=Excursion** Air Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges. Low 37, Med 24, High 16. NYS ELAP #11727

Page 1 of 1

Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour Other	Analysis (circle)	Flow (LPM) Volume Results ot Beg End Avg (liters) (f/cc)	2.9 2.9 2.5	86 2.9 2.9 2.9 1392	2 2 9 2 9 2 5 1392	2.9 2.9	2 Z.9 Z.9 Z.9 1392	0 2.9 2.9 2.9 1392	2.9 2.9	0 2.9 2.5 2.9 1342	2.9.2	0 2.9 2.9 2.9 1372	10 2.9 2.9 2.9 1392			Comments/Special Conditions IVA'S	6	NOS Elevelor - 12102	(03	of X Bar back up
350 Elmwood Ave. • Buffalo, NY 14222 爭 716-332.3134 ④ 716.332.3136	70 F/No Rain/Vind Temp/Rain/Wind 20180321	605 DC - Lite Calibrator #	IB IW/A B P Time (military) OB OW/A A C Start Stop Tot	18 IVA C OXX	- Loop 18 1WA - 0931 (31 480	0839 K33	1WA 0934 634	08 6 VA D135 1035 480	68 OVA 1 OBSC 1036 400	08 GWA 0837 1637 480	08 0WM 0839 1039 4pp	4 0B 0WA 539 1339 480	08 0WA 0940 K40 4m	08 OWA V 0841 1641 480			-	-lock 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	<u>}</u>		XLO
NoLogies	Srio #1 Work Area Location Tontara Carp.	Mark Lowjoy Client Contact Joy	Sample Location	Back up regative air machine	Necotive of sile under cluster	s to ship	be of silo (south), mar	Critical 1 - Elevator Hatch	Critical 2 - Elevator Door		Decan exit		Negative air exhaurt	qir	Field Blank	Bex BlenK	07/23/19 : Sketch OWA's			7 19/18 8 02	23882 × 50
SIENNA ENVIRONMENTAL TECHNOLOGIES	07/23/18 Date N.Ke Missile BU-34/35 Job Name	3239 Job#	Pump Sample Number #	072319 - 3239 - 01	63	64	05	S	07	68	60	10		2	13	+	Craige Mikida		Crasy Mum	An Insuranhuman	Received by lab



	LABORATORY REPORT							
Attention	Mark Lovejoy	Lab Project #	\$35866					
Client:	Tantara Corporation	Sample Date:	7/25/2018					
	54 Mason Street	Date Received:	7/26/2018					
	Worcester, MA 01610	Analysis Date:	7/26/2018					
Project:	SET 3239- Nike Missile Silo BU-34/35- Silo #4							
	PHASE CONTRAST MICROSCOPY BY NIOSH METHOD	7400, Fourth Edition, Issue 2, 8/15/94						

Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
072518-3239-01	Critical 1- Elevator Hatch	Р	7/25/2018	1218	0.5	100	0.64	<0.002
072518-3239-02	Critical 2- Elevator Door	Р	7/25/2018	1218	3,5	100	4.46	<0.002
072518-3239-03	Decon Entrance	Р	7/25/2018	1218	0	100	0	<0.002
072518-3239-04	Decon Exit	Р	7/25/2018	1218	0	100	0	<0.002
072518-3239-05	Work Area Entrance/Exit, Airlock	Р	7/25/2018	1218	1	100	1.27	<0.002
072518-3239-06	Ambient Air	P	7/25/2018	1218	0	100	0	<0.002
072518-3239-07	Field Blank	BL	7/25/2018		0	100		
072518-3239-08	Box Blank	BL	7/25/2018		0	100	<u> </u>	,

Carson Cain

Analyst

2

Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample

C=Clearance BL=Blank

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low .37, Med .24, High .16. NYS ELAP #11727

Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour Other Analysis (circle) CCM TEM other	Tot $Flow (LPM)$ Volume Results Tot Beg End Avg (liters) (f/cc) $4Z6$ Z:9 Z:9 Z:9 Z:9 Z:9 I/C $4Z6$ Z:9 Z:9 Z:9 Z:9 I/C I/C $4Z6$ Z:9 Z:9 Z:9 I/C I/C I/C $4Z6$ Z:9 Z:9 Z:9 I/C I/C I/C I/C $4Z6$ Z:9 Z:9 I/C I/C I/C I/C I/C $4Z6$ Z:9 Z:9 Z:9 I/C I/C I/C I/C I/C $4Z6$ Z:9 Z:9 Z:9 I/C	Comments/Special Conditions
350 Elmwood Ave. • Buffalo, NY 14222 ④ 716-332.3134	70 F / Light Rain/Vind Tepp/Rain/Wind 20180321 C-05 / DC-Lite Calibrator#	IB IWA B Time (milli 0B 0WA Ex F Start Stop 0B 0U/A P 0336 1537 0B 0U/A P 0331 1571 0B 0U/A P 0331 1574 0B 0U/A P 0331 <t< td=""><td>Comments/SF Comments/SF Comments/SF Flatch XOI Flatch XOI</td></t<>	Comments/SF Comments/SF Comments/SF Flatch XOI Flatch XOI
	5;10 #4 Work Area Location Vork Area Location Client Client Contact J	sample Location Critical I - Eleventer Hatch Critical Z - Fleventer Door Decon Entrance Decon Entrance Decon Entrance Minhint air Field Blenk Box Blank	07/25/18 : 5 Sketch 07/25/18 : 5 7/26/18 : 00 5 33666 03 2007
SIENNA ENVIRONMENTAL TECHNOLOGIES	07/25/19 Date Date Date Nife Missile BU-34/35 Job Name 3239 Job #	Sample Number # Sample Number # C72518 - 3239 - 01 C 03 D 03 D 04 U 05 D 06 N 06 N 06 N 06 N 06 N 07 O 07 O	Crarig Mirki Ja sampler Cruy Muhu Relinquished by Received by Iab



	LABORATORY REPOR	RT [©]	
Attention:	Mark Lovejoy	Lab Project #	S35881
Client:	Tantara Corporation	Sample Date:	7/26/2018
	54 Mason Street	Date Received	7/27/2018
	Worcester, MA 01610	Analysis Date:	7/27/2018
Designate	CET 2020 Nike Missile DIL 24/25 Cile 44		

Project: SET 3239- Nike Missile BU- 34/35- Silo #4

	PHASE CONTRAST MICROSCO	OPY BY NI	OSH METHO) 7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
72618-3239-01	Critical 1- Elevator Hatch	Α	7/26/2018	1392	0	100	0	<0.002
72618-3239-02	Critical 2- Elevator Door	A	7/26/2018	1392	0	100	0	<0.002
72618-3239-03	Decon Entrance	A	7/26/2018	1392	1	100	1.27	<0.002
72618-3239-04	Decon Exit	A	7/26/2018	1392	0	100	0	<0.002
72618-3239-05	Work Area Entrance/Exit, Airlock	A	7/26/2018	1392	2	100	2.55	<0.002
72618-3239-06	Negative Air Exhaust	A	7/26/2018	1392	0	100	0	<0.002
72618-3239-07	Ambient Air	A	7/26/2018	1392	0	100	0	<0.002
72618-3239-08	Field Blank	BL	7/26/2018		0	100	······································	
72618-3239-09	Box Blank	BL	7/26/2018		0	100		

Carson Cain Analyst

Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air A≖Abatement PE=Personal Air Sample

C=Clearance BL=Blank

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low .37, Med .24, High .16. NYS ELAP #11727

Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour Other Analysis (circle) PCM TEM ather	Flow (LPM) Volume Results eg End Avg (liters) (f/cc) q $7.q$ $2.q$ $13q2$ (f/cc) q $7.q$ $2.q$ $13q2$ (f/cc) q $7.q$ $2.q$ $13q2$ (f/cc) q $2.q$ $2.q$ $2.q$ (f/cc) q $2.q$ $2.q$ $2.q$ $2.q$ f $2.q$ $13q2$ (f/cc) (f/cc) f $2.q$ $2.q$ $2.q$ (f/cc) f f/cc <td< th=""><th>Conditions</th></td<>	Conditions
350 Elmwood Ave. • Buffaio, NY 14222 @ 716-332.3134 ① 716.332.3136	70.F/No Roin/Low Wind Temp/Rain/Wind 20180321 Cos / DC-Lite Cos Calibrator #	IB IWAA B Time (military) OB OWAA EX FE Start Stop Tot B OB OWA A CS OYA A CS Iffee (military) OB OWA A CS Iffee (military) B OB OWA A CS Iffee (military) B OB OWA A CS Iffee (military) B O COMA A CS Iffee (military) B O O O A CS Iffee (military) B O O O A CS Iffee (military) C CS I O CS Iffee (military) CS Iffee (military) C I O CS Iffee (military) CS Iffee (military) C I CS CS Iffee (military) CS Iffee (military) C I	Eleverter Book Hatth extranst Xol 2000
	Si lo #4 Work Area Location Tentara Corp. Client Client Love of	sample Location Critical I - Elucator Hath Critical Z - Elucator Dar Drean entrance Drean exit Negative air exhaust Negative air exhaust Ambient air Field Blank Box Blank	67/2018 : Sketch
SIENNA ENVIRONMENTAL TECHNOLOGIES	07/26/18 Date Date Date Job Name 3239 Job #	Sample Number Pump Sample Number # O72C IS - 37.39 + 01 C 0 072C IS - 37.39 + 01 D 0 002 V 0 003 D 0 004 D 0 005 V 0 003 D	Craig MikiJa Sampler Cany Muhu Relinquished by Received by lab



LABORATORY REPORT

Attention:	Mark Lovejoy	Lab Project #:	S35910
Client:	Tantara Corporation	Sample Date:	7/30/2018
	54 Mason Street	Date Received:	7/31/2018
	Worcester, MA 01610	Analysis Date:	7/31/2018
Project:	SET 3239- Nike Missile BU- 34/35- Silo 4		

	PHASE CONTRAST MICROS	SCOPY BY NI	OSH METHOD	D 7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
073018-3239-01	Critical 1- Elevator Hatch	А	7/30/2018	1392	0.5	100	0.64	<0.002
073018-3239-02	Critical 2- Elevator Door	A	7/30/2018	1392	0	100	0	<0.002
073018-3239-03	Decon Entrance	A	7/30/2018	1392	5.5	100	7.01	0.002
073018-3239-04	Decon Exit	A	7/30/2018	1392	0	100	0	<0.002
073018-3239-05	Work Area Entrance/Exit	A	7/30/2018	1392	0	100	0	<0.002
073018-3239-06	Negative Air Exhaust	A	7/30/2018	1392	0	100	0	<0.002
073018-3239-07	Ambient Air	Α	7/30/2018	1392	0	100	0	<0.002
073018-3239-08	Field Blank	BL	7/30/2018		0	100		
073016-3239-09	Box Blank	BL	7/30/2018		0	100		

Carson Cain

Analyst

1

Approved Signatory

B=Background **CR=Clearance Rush**

P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample

C=Clearance **BL=Blank**

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges. Low .37, Med .24, High .16. NYS ELAP #11727

			8-				-					-			
			Results (f/cc)												
Air Sampling Worksheet Chain of Custody	Turnaround (circle) ur 6 hour	her 48 hour her <u>40 alter</u> Analysis (circle) TEM <u>ather</u>	Volume (liters)	1392 1392	1312	1397	1392	1392							
Sampling Worksh Chain of Custody	urnaroui	Other Analysis (M) Avg	2.9	5.2	2 2 2	2.9	6.2							
r Samp Chair	Tur 3 hour	Other Other	Flow (LPM)	2.92.9	N	2 2 4	+	6.2				Comments/Special Conditions			
Ai			t Beb		+ +	2 2 2 7 2 7	こ	8.2 8			$\left - \right $	/Special (
	<u>v</u> iv	Flow	100	630 48	32 45	33 481 (24 481	C35 4	C3C 480				omments			troit
14222 3136	Ler	DC - Lite Primary Flow	l S	0830 1630 480 0831 1631 480	0632 K32 450	0833 1633 480	0835 1635 481	083C 1030				0			5×
Buffalo, NY 1422 (F) 716.332.3136	Rain/Wind	or #	B A B F C P	R -				->				D%		0 0	0 °
• 		2 (Calibrator #	IWA OWA	OWA				>				Elevator Dour		Hatch 10 01	
350 Elmwood Av (P) 716-332.3134	70'F /No Tem	6080321 605 Cal	18 08	-08		5		>				and the second second		X	
350 El ()) 71	70'F	00		c		arlack							ولا		
				Hatch			3								
	-	P.	ion			ce la	exhaust					Sketch	5	Dec	n x
	Work Area Location	Client Corp.	Sample Location	- ELUMADO		entrace lest	ex a					••	×	->	03×
	Si / s Work Are	Markara C Client Mark L Client Conta	Sam			-	1	Sr	2 y			~	20	<u>~</u>	
	N 1	2							Blank			67/36/18	07 1301 18	7 131 118	535910
				Catio	Decan	Decen	Nevatic	white	Field			67,	01,	Ň	53
Z		<u>80-34/35</u>	hmp #	00		9	2	D I	L P				>		
SIENNRONMENTAL TECHNOLOGIES	1 1		d	10	e co	04	8	67	04			MI KI Sampler	M A		lab
ONME	Date	55, lc b Name Job #	umber	-3239-								M K	Relinquished by	N	Received by lab
	07/30/19 Date	2239	Sample Number						->			30	raugi Rel	X.	Re
B	01	NiKe Missile Job Name 3239 Job #	5	073018								Creic	S.	V	



LABORATORY REPORT

Attention:	Mark Lovejoy	Lab Project #:	S35927
Client:	Tantara Corporation	Sample Date:	7/31/2018
	54 Mason Street	Date Received:	8/1/2018
	Worcester, MA 01610	Analysis Date:	8/1/2018

SET 3239- Nike Missile BU- 34/35- Silo #4 Project:

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400, Fourth Edition, Issue 2, 8/15/94													
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc					
073118-3239-01	Negative Air Machine	С	7/31/2018	1218	2	100	2,55	<0.002					
073118-3239-02	West Side of Silo	С	7/31/2018	1218	1.5	100	1.91	<0.002					
073118-3239-03	East Side of Silo	C	7/31/2018	1218	3	100	3,82	<0.002					
073118-3239-04	Back Up Negative Air Machine	С	7/31/2018	1218	0	100	0	<0.002					
073118-3239-05	Near Airlock + Personnel Room	С	7/31/2018	1218	0	100	0	<0.002					
073118-3239-06	Critical 1- Elevator Door	С	7/31/2018	1218	1.5	100	1,91	<0.002					
073118-3239-07	Critical 2- Elevator Hatch	с	7/31/2018	1218	0.5	100	0.64	<0.002					
073118-3239-08	Decon Entrance	С	7/31/2018	1218	2	100	2.55	<0.002					
073118-3239-09	Decon Exit	С	7/31/2018	1218	2	100	2.55	<0.002					
073118-3239-10	Work Area Entrance/Exit, Airlock	С	7/31/2018	1218	0	100	0	<0.002					
073118-3239-11	Negative Air Exhaust	С	7/31/2018	1218	1	100	1.27	<0.002					
073118-3239-12	Ambient Air	С	7/31/2018	1218	0	100	0	<0.002					
073118-3239-13	Field	BL	7/31/2018		0	100							
073118-3239-14	Box	BL	7/31/2018		0	100							

Carson Cain Analyst B=Background

CR=Clearance Rush

4 Approved Signatory

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P=Preparation

EX=Excursion Air

A=Abatement

PE=Personal Air Sample

C=Clearance BL=Blank

Air Sampling Worksheet Chain of Custody	<i>Turnaround (circle)</i> 3 hour 6 hour 4 hour Other	Analysis (circle) PEND TEM other	Flow (LPM) Volume Results Ford Avg (liters) (f/cc)	3121 6.2 6.2	2.9 2.9 12.6	5.2 6	5.2	2.9 Z.9 1218	8121 6-2 6-2	2.9 2.9 12.18	29 2.5 1210	2.9 2.9 1218	29 2.9 1218	2.9 2.5 1218	8121 6.2 6.2	-	+	ditions I.Wo		X 05 X 02	ho	da t	No an Control	
e. • Buffalo, NY 14222 ④ 716.332.3136	p/Rain/Wind	DC - Lite	IWA B P Time (military) Floi OWA A C Start Stop Tot Beg	62	420 2.9	0821 1521 420 2.9	6.2	0823 1523 420 2.9	OWA OF24 1524 420 29	0 my 0825 1525 420 2.4 2	OWA 0820 1520 420 2.9 2	2.9	2.9	2.9	OWA V DE30 1530 420 2.9			Comments/Special Conditions	Dave	07 X	Pirlock	Hatch	ooxioust 1 X n 00xioust 1 X n 03	Z
350 Elmwood Av (₱) 716-332.3134	ation Cerp. 201803	Signation 605	Sample Location		Silo 1B	silo 13	yethe of machine 18		Elevator Dior OB	Hatch 08	CB	0B 0	entrancelexit, airlock OB	exhourt 08	80			Sketch OV/A	: Elevertor	ar lock		0 60×	Decony	
SIENNANA ENVIRONMENTAL TECHNOLOGIES	BU-34/35	Me	dund #	-01 Negative air	West side	03 East side at	04 Back up rug	os Near arlack	- 2	07 Critical 2 - Elwater	08 Decen entrance	09 Decon exit	0770	11 Nonative air	12 Ambient air	13 Field	14 Box		MINIJa 07/31 /18	pler	Muh 07/31/18	81118 8.02		
SIE ENVIRONMI	07/31/18 Date Mille Missill	37.39 Job #	Sample Number	073119-3239-													>		Hay MI	Sampler	Crawy muly	incohuman .	Received by lab	



	LABORATORY REPORT		
Attention:	Mark Lovejoy	Lab Project #:	S35942
Client:	Tantara Corporation	Sample Date:	8/1/2018
	54 Mason Street	Date Received:	8/2/2018
	Worcester, MA 01610	Analysis Date:	8/2/2018
Project:	SET 3239- Nike Missile Silo BU 34/35- Silo 4 Exterior		

Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
080118-3239-01	Upwind of Work, East	A	8/1/2018	1218	1	100	1.27	<0.002
080118-3239-02	Downwind of Work, West	A	8/1/2018	1218	0	100	0	<0.002
080118-3239-03	Critical 1- North	A	8/1/2018	1218	0	100	0	<0.002
080118-3239-04	Critical 2- South	Α	8/1/2018	1218	2.5	100	3.18	<0.002
080118-3239-05	Decon Entrance	A	8/1/2018	1218	0	100	0	<0.002
080118-3239-06	Decon Exit	A	8/1/2018	1218	2	100	2.55	<0.002
080118-3239-07	Ambient Air	A	8/1/2018	1218	0	100	0	<0.002
080118-3239-08	Field	BL	8/1/2018		0	100		
080118-3239-09	Box	BL	8/1/2018		0	100		

Carson Cain

Analyst

1 **Approved Signatory**

B=Background CR=Clearance Rush **P=Preparation EX=Excursion** Air A=Abatement PE=Personal Air Sample

C=Clearance **BL=Blank**

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour Analysis (circle) Analysis (circle) TEM other	Flow (LPM) Volume Results $Res< End Avg$ $Volume$ Results 26 2.9 2.4 2.4 $1/1$ 2.9 2.4 2.4 2.4 $1/1$ 2.7 2.4 2.4 $1/1$ $1/1$ 2.7 2.4 2.4 $1/1$ $1/1$ 2.4 2.4 2.4 $1/1$ $1/1$ 2.4 2.4 2.4 $1/1$ $1/1$ 2.4 2.4 2.4 $1/1$ $1/1$ 2.4 2.4 2.4 $1/1$ $1/1$ 2.4 2.4 2.4 $1/1$ $1/1$ 2.4 2.4 2.4 $1/1$ $1/1$ 2.4 2.4 2.4 $1/1$ $1/1$ 2.4 2.4 2.4 2.4 $1/1$ 2.4 2.4 2.4 2.4 $1/1$ 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 2.4 <th>Comments/Special Conditions</th>	Comments/Special Conditions
350 Elmwood Ave. • Buffalo, NY 14222 (₱) 716-332.3134 (₱) 716.332.3136	70 F/No Rain/Jow Win Temp/Rain/Wind 20196321 C 05 DC-Lite Calibrator #	IB IWA B Time (military) OB OWA A Co To OB IVA A Ioo ToO OB IVA A Ioo ToO ILA ILA Ioo Ioo Ioo OB IVA A Ioo Ioo ILA ILA Ioo Ioo Ioo OD OWA B Ioo Ioo ILA ILA Ioo Ioo Ioo OWA OWA BO Ioo Ioo OWA Ioo Ioo Ioo Ioo OWA Ioo Ioo Ioo Ioo V OWA BOS Ioo Ioo IOUA Ioo Ioo Ioo Ioo V OWA Ioo Ioo Ioo V OWA Ioo Ioo Ioo IOO Ioo Ioo Ioo Ioo IOO V Ioo Ioo Ioo IOO Ioo Ioo Ioo Ioo IO Ioo Ioo Ioo Ioo IO Ioo Ioo Ioo	Elevator Door Chamink Ferev 03 N
NA HNOLOGIES	BU-34/35 Srile 4 Exterior Work Area Location BU-34/35 Tentara Curp. Client Client Contact 34	sample Location Upwind of work, East Dewnwind of work, Kest Critical 2-South Critical 2-South Decon entrance Decon exit Ambient air Field Box	08/01/18 : Sketch
SIENNA ENVIRONMENTAL TECHNOLOGIES	08/01/18 Date Date Job Name 3239 Job #	Sample Number # Sample Number # C§6118 - 3239 - 01 02 03 05 06 07 07 07 07 07 07 07 07 07 07	Craig Mikida Sampler Crain Mhu Relinquished by Received by lab



Location

Upwind of Work, East

Critical 1- North

Critical 2- South

Decon Entrance

Decon Exit

Ambient Air

Field

Box

Downwind of Work, West

Fibers/mm2

0

0.64

0

1.27

1.27

1:27

0

Fibers/cc

<0.002

< 0.002

< 0.002

<0.002

<0.002

< 0.002

<0.002

	LABORATORY REPORT				
Attention:	Mark Lovejoy	Lab Project #:	S35947		
Client:	Tantara Corporation	Sample Date:	8/2/2018		
	54 Mason Street	Date Received:	8/3/2018		
	Worcester, MA 01610	Analysis Date:	8/3/2018		
Project:	SET 3239- Nike Missile BU- 34/35- Silo 4 Exterior				

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400, Fourth Edition, Issue 2, 8/15/94

Sample Date

8/2/2018

8/2/2018

8/2/2018

8/2/2018

8/2/2018

8/2/2018

8/2/2018

8/2/2018

8/2/2018

Volume

1392

1392

1392

1392

1392

1392

1392

Fibers

0

0.5

0

1

1

1

0

0

0

Fields

100

100

100

100

100

100

100

100

100

Туре

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8L

BL

Carson Cain

Analyst

Analysts' Sr Ranges: Low 37, Med 24, High 16, NYS ELAP #11727

A Approved Signatory

A=Abatement PE=Personal Air Sample

C=Clearance BL=Blank

B=Background CR=Clearance Rush

Sample

080218-3239-01

080218-3239-02

080218-3239-03

080218-3239-04

080218-3239-05

080218-3239-06

080218-3239-07

080218-3239-08

080218-3239-09

P=Preparation EX=Excursion Air

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 0 ther 48 hour Other 48 hour Analysis (circle) PCM TEM other	Flow (LPM) Volume Results Beg End Avg (liters) (f/cc)	2.9 2.9 2.9 1392 2.9 2.9 1392	Z.9 Z.6 Z.9 1392 Z.9 Z.9 Z.9 1392	2 2 2 2 2	2N			conditions			
350 Elmwood Ave. • Buffalo, NY 14222 (P) 716-332.3134 (F) 716,332.3136	70'F/No Rain/Low Wind Temp/Rain/Wind 20190321 C 05 / DC-Lite Calibrator #	IB IM/A B P Time (military) OB OW/A A C C	68 IN/A A 0530 (530 496 7	044 0537 K33 480 7	034 134 4g	Why sen con the sen in the sent the sen			Lomments/special conditions	Door		Fance 03 N
UA DLOGIES	Silo 4 Exterior Work Area Location Tantara Cerp. Client Client Love of Client Contact Jy	Sample Location	Upwind of work East Downwind of work West	Critical 1- North Critical 2- South		Amblent air	Box		 	08/02/18 : 07	× Dec 1 0:8 11/ 2/8	53547 : X3
SIENNA ENVIRONMENTAL TECHNOLOGIES	08/02/18 Date Date Nike Missile BU-34/35 Job Name 3239 Job#	Pump Sample Number #	080218-3239-01	03			04		Craig Mikida Sampler	Crawf Mult	Call	Received by fab



			LABOR	ATORY REPO	ORT				
Attention: Client: Project:	Tanta 54 Ma Worce	Lovejoy tra Corporation ason Street ester, MA 01610 3239- Nike Missile BU- 34/35- Silo 1 E	:xterior		s Da	Lab Project #: Sample Date: Date Received: Analysis Date:			
		PHASE CONTRAST MICROS	COPY BY N	OSH METHO) 7400, F o	ourth Editi	ion, Issue	2, 8/15/94	
Sam	ple	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
080618-323	9-01	Upwind of Work, East	А	8/6/2018	1392	0	100	0	<0.002
080618-323	9-02	Downwind of Work, West	A	8/6/2018	1392	1.5	100	1.91	<0.002
080618-323 SAMPLE (Critical 1- North OADED	A	8/6/2018					
080618-323 SAMPLE (Critical 2- South OADED	A	8/6/2018					
080618-323 SAMPLE (Decon Entrance OADED	A	8/6/2018					
080618-323 SAMPLE (Decon Exit OADED	A	8/6/2018					
080618-323	9-07	Ambient Air	A	8/6/2018	1392	0	100	0	<0.002
080618-323	9-08	Field Blank	BL	8/6/2018		0	100		
080618-323	9-09	Box Blank	BL	8/6/2018		0	100		

Carson Cain

Analyst

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air

6 **Approved Signatory**

A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

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	14		
2		Results (1/cc)	
Air Sampling Worksheet Chain of Custody Turnaround (circle)	r 6 hour IT 48 hour her Analysis (circle) TEM	Volume (liters) (392 (392 (392 (392 (392 (392 (392 (392	
Sampling Worksh Chain of Custody Turnaround (circle	3 hour 24 hour Other Analysis (PEMA TEM	Flow (LPM) End Avg 7.5 2.4 7.5 2.5 7.5 2.5 7.5 2.5 2.5 7.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2.5 2	- suoj
		888 NNNN 2010	Comments/Special Conditions
	Primary Flow	e (milit stop (3) (3) (3) (3) (3) (3)	Comments/
350 Elmwood Ave. • Buffalo, NY 14222 @ 716-332.3134		B P Time EX PE Start 0533 (0933 (0)	×3 1
ad Ave. • Buf. .3134 (E)		18 IMA 08 OWA 1 L/A 6 L/A 6 L/A 6 L/A 6 L/A	Elwetr Door Door
350 Elmwood Ave @ 716-332.3134 \$\$4 • F / M I.	2017100515 605 05		5 C
		rest	S Decon
Francis	Location Location Int Love by	Ccation	Sketch
1 475	Work Area Location Tontara Con Client Client Curry	sample to ct work J of work I - North 2 - South exit exit Blank Blank	: 8 SI
		line dent a catal	C&106/119 CC/06/119 817/118 535978
L ECHNOL	55/h2-08	Pump # # Control Dow Dec Crittic Box	
SIENNA TECHNOLOGIES	bate Missil Job Name Job #	mber 39-01 03 03 03 03 03	Mikide Sampler Relinquished by Received by lab
S IS ENVIRO	Nike Bate Nike Missil Job Name 3239 Job #	Sample Number Sample Number 03 05 05 05 05 05 05 05 05 05 05 05 05 05	Recei
\$	2		



	LABORATORY REPORT		
Attention	Mark Lovejoy	Lab Project #:	S35981
Client:	Tantara Corporation	Sample Date:	8/7/2018
	54 Mason Street	Date Received:	8/8/2018
	Worcester, MA 01610	Analysis Date:	8/8/2018
Designed	OFT 2000 Miles Micelle DI 10405, Ole 0 Exterior		

Project: SET 3239- Nike Missile BU- 34/35- Silo 2 Exterior

	PHASE CONTRAST MICROS	SCOPY BY NI	OSH METHOD) 7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
080718-3239-01	Upwind of Work, East	А	8/7/2018	1392	1	100	1.27	<0.002
080718-3239-02	Downwind of Work, West	A	8/7/2018	1392	0,5	100	0.64	<0.002
080718-3239-03	Critical 1- North	A	8/7/2018	1392	0	100	0	<0.002
080718-3239-04	Critical 2- South	A	8/7/2018	1392	0	100	0	<0.002
080718-3239-05	Decon Entrance	A	8/7/2018	1392	0	100	0	<0.002
080718-3239-06	Decon Exit	A	8/7/2018	1392	0	100	0	<0.002
080718-3239-07	Ambient Air	A	8/7/2018	1392	1	100	1.27	<0.002
080718-3239-08	Field Blank	BL	8/7/2018		0	100		
080718-3239-09	Box Blank	BL	8/7/2018		0	100		

Carson Cain Analyst

P=Preparation

EX=Excursion Air

B=Background

CR=Clearance Rush

Approved Signatory

A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low 37, Med .24, High .15. NYS ELAP #11727

		Results (f/cc)										
Vorkshee Istody	Turnaround (circle) ur 6 hour pur 48 hour ther Analysis (circle) TEM other	Volume (liters)	1392	1392	1392	1392	1392					
Air Sampling Worksheet Chain of Custody	Turnaround 3 hour 24 hour Other Analysis (Flow (LPM) Beg End Avg	7.9 2.9 2.4 7.9 2.4 2.4		5.7		62 62 62		Comments/Special Conditions			
(F) 716.332.3136	Rala / Lev Vinc	P Time (military) C PE Start Stop Tot	0931 1631 490		0834 (C34 48)	0835 1635 4gg	wh 2) 280		Comments/Sp		02	-, -
(b) 716-332.3134 (F) 716.332.3136	76°F/Lısht Ro Tehp/Rain/Wind 20180515 605 Calibrator#	1B IWA B OB OWA A	OB NU/A A	OWA	C W/V	ou/A	V GWA V		Flevatir		<5	
DLOGIES	Silo 2 Exterior Work Area Location Tan tora Corp. Client Client Contact	Sample Location	Upwind of work, East Downwind of work. Vest	- North	Decon entrore			Field Blank Bax Blank	08/07/18 : Sketch	s t	10 Decs 1 13 8 111 81 8	531981 1502
ENVIRONMENTAL TECHNOLOGIES	US/07/18 Date Nike Missile BU-34/35 Job Name 3239 Job #	Sample Number #	020718-3239-01 U	03 74 74				008	Craig Millida Sampler	Cray Muhn Relinquished by	S	Received by lab



Attention:	Mark Lovejoy	Lab Project #:	S35989									
Client:	Tantara Corporation	Sample Date:	8/8/2018									
	54 Mason Street	Date Received:	8/9/2018									
	Worcester, MA 01610	Analysis Date	8/9/2018									
Dreiget	CET 2020 Nika Missila DH 24/25, Sila 2 Evision											

Project SET 3239- Nike Missile BU-34/35- Silo 3 Exterior

	PHASE CONTRAST MICROS	SCOPY BY NI	OSH METHOD) 7400, Fo	ourth Edit	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
080818-3239-01	Upwind of Work, East	А	8/8/2018	1392	0	100	0	<0.002
080818-3239-02	Downwind of Work, West	A	8/8/2018	1392	0	100	0	<0.002
080818-3239-03	Critical 1- North	A	8/8/2018	1392	2.5	100	3.18	<0.002
080818-3239-04	Critical 2- South	A	8/8/2018	1392	1,5	100	1,91	<0.002
080818-3239-05	Decon Entrance	A	8/8/2018	1392	2.5	100	3.18	<0.002
080818-3239-06	Decon Exit	A	8/8/2018	1392	2.5	100	3.18	<0.002
080818-3239-07	Ambient Air	A	8/8/2018	1392	0	100	0	<0.002
080818-3239-08	Field Blank	BL	8/8/2018		0	100		
080818-3239-09	Box Blank	BL	8/8/2018		0	100		

Carson Cain

Analyst

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Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample

C=Clearance **BL=Blank**

Results relate only to samples as provided by client. This faboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges. Low .37, Med .24, High .16. NYS ELAP #11727

Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour Other Analysis (circle) ech TEM other	Flow (LPM) Volume Results Beg End Avg litters) If/cc D $Z.4$ $Z.4$ $Z.4$ $Z.4$ If/cc D $Z.4$ $Z.6$ $Z.9$ $I342$ If/cc D $Z.4$ $Z.6$ $Z.4$ $I372$ If/cc D $Z.4$ $Z.6$ $Z.6$ $I372$ If/cc D $Z.4$ $Z.6$ $Z.6$ $I372$ If/cc D $Z.6$ $Z.6$ $I372$ $I372$ If/cc D $Z.6$ $Z.6$ $I372$ If/cc If/cc D $Z.6$	Comments/Special Conditions
350 Elmwood Ave. • Buffalo, NY 14222 ④ 716-332.3134	70 F/ HLAVY RAIN/VINA Temp/Rain/Wind 20180515 605 BC-Lite Primary Flow Calibrator #	IBIMABPTime (military)080WAExFEstartstopTot08 VWA ACQ30[C30 $VP0$ 11NACQ30[C31 $VP0$ 00NNDS72 $K73$ $VP0$ 00NDS73 $K33$ $VP0$ 00NDS73 $K33$ $VP0$ 00NDDS73 $K33$ 00NDDD00NDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NDDDD1NNDN	Fence X 03 N
NA HNOLOGIES	1/35 Silo 3 Exterior Work Area Location Tantara Core. Client Client Lowisey Client Contact	p sample location Upwind of work, East Downwind of work, Kest Critical 1 - North Critical 2 - South Critical 2 - South Decan entrance Decan exit Ambient air Field Blank Box Blank	08/08/15 : sketch 08/08/18 : 05 8/9/18 8:00 5/08/18 : 05
SIENNA ENVIRONMENTAL TECHNOLOGIES	08/08/19 Date Nike Missile BU-34/35 Job Name 3239 Job #	Sample Number Pump Sample Number # OgGG 1g - 3239 - 01 # OgGG 1g - 3239 - 01 02 03 03 04 03 05 07 07 09 09 09	Craig Miltida sampler Gray Mum Relinquished by Received by lab



	LABORATORY REPORT										
Attention:	Mark Lovejoy	Lab Project #:	S36001								
Client:	Tantara Corporation	Sample Date:	8/9/2018								
	54 Mason Street	Date Received:	8/10/2018								
	Worcester, MA 01610	Analysis Date:	8/10/2018								
Project:	SET 3239- Nike Missile BU-34/35- Silo 3 Exterior										

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PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400, Fourth Edition, Issue 2, 8/15/94

Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
Upwind of Work, East	А	8/9/2018	1392	0	100	0	<0.002
Downwind of Work, West	А	8/9/2018	1392	0.5	100	0.64	<0.002
Critical 1- North	A	8/9/2018	1392	0	100	0	<0.002
Critical 2- South	A	8/9/2018	1392	0	100	0	<0.002
Decon Entrance	A	8/9/2018	1392	0	100	0	<0.002
Decon Exit	A	8/9/2018	1392	0	100	0	<0.002
Ambient Air	A	8/9/2018	1392	0	100	0	<0.002
Field Blank	BL	8/9/2018		0	100		
Box Blank	BL	8/9/2018		0	100		
	Upwind of Work, East Downwind of Work, West Critical 1- North Critical 2- South Decon Entrance Decon Exit Ambient Air Field Blank	Upwind of Work, EastADownwind of Work, WestACritical 1- NorthACritical 2- SouthADecon EntranceADecon ExitAAmbient AirAField BlankBL	Upwind of Work, EastA8/9/2018Downwind of Work, WestA8/9/2018Critical 1- NorthA8/9/2018Critical 2- SouthA8/9/2018Decon EntranceA8/9/2018Decon ExitA8/9/2018Ambient AirA8/9/2018Field BlankBL8/9/2018	Upwind of Work, EastA8/9/20181392Downwind of Work, WestA8/9/20181392Critical 1- NorthA8/9/20181392Critical 2- SouthA8/9/20181392Decon EntranceA8/9/20181392Decon ExitA8/9/20181392Field BlankBL8/9/20181392	Upwind of Work, East A 8/9/2018 1392 0 Downwind of Work, West A 8/9/2018 1392 0.5 Critical 1- North A 8/9/2018 1392 0 Critical 2- South A 8/9/2018 1392 0 Decon Entrance A 8/9/2018 1392 0 Decon Exit A 8/9/2018 1392 0 Field Blank BL 8/9/2018 1392 0	Upwind of Work, East A 8/9/2018 1392 0 100 Downwind of Work, West A 8/9/2018 1392 0.5 100 Critical 1- North A 8/9/2018 1392 0 100 Critical 2- South A 8/9/2018 1392 0 100 Decon Entrance A 8/9/2018 1392 0 100 Decon Exit A 8/9/2018 1392 0 100 Decon Exit A 8/9/2018 1392 0 100 Field Blank BL 8/9/2018 1392 0 100	Upwind of Work, East A 8/9/2018 1392 0 100 0 Downwind of Work, West A 8/9/2018 1392 0.5 100 0.64 Critical 1- North A 8/9/2018 1392 0 100 0 Critical 1- North A 8/9/2018 1392 0 100 0 Critical 2- South A 8/9/2018 1392 0 100 0 Decon Entrance A 8/9/2018 1392 0 100 0 Decon Exit A 8/9/2018 1392 0 100 0 Field Blank BL 8/9/2018 1392 0 100 0

Carson Cain Analyst

Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air

A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour	<i>ilysis (c</i> TEM	Flow (LPM) Volume Results ot Beg End Avg (liters) (f/cc)	86 2 9 2 9 2 9 1392	7 5 7 5 2	6.2 6.2 6.2	2 2-9 2.9 2.9 1322	2 2.9 2.9 2.9 1392				Comments/Special Conditions					
350 Elmwood Ave. • Buffalo, NY 14222 @ 716-332.3134	7°F/NS Rain/Low Wind	とりないらり してんら Calibrator #	IB IWA B P Time (military) OB OWA A C A C	6 B IWA A 6832 K30 480 1 1 WA 1 0831 K31 480	0831 153	0WA 0733 1633 480	0835 (6 35	~				Comments	Elevatur	>	1 20 X		The Nos N
VOLOGIES	Si lo 3 Work Area Locati	Mark Leriar Client Leriar Client Contact		Durid of walk, East	1 - Nº 41	Untreal 2 - Jouth Devin entrance		Ambient air	Field Blank	Bux Blenk		08/09/18 : Sketch		08109119 : 106 Stairs	Dec 16. 0 11/0 18	536 col	1 1 1 1 1 1 1 1 1 1 1 1 1 1
SIENNA ENVIRONMENTAL TECHNOLOGIES	709718 Date	N/1/2 1/1/5/1/2 BU-54/35 Job Name 3239 Job #	Pump Sample Number #	080918 - 3239-01	63	02	00	07	0 è	€		Crain Milkida	Ø Sampler	Cruy Muhu	Kelinquished by	Received by lab	



	LABORATORY REPORT		
Attention:	Mark Lovejoy	Lab Project #	S36000
Client:	Tantara Corporation	Sample Date:	8/9/2018
	54 Mason Street	Date Received:	8/10/2018
	Worcester, MA 01610	Analysis Date:	8/10/2018
Project:	SET 2229 Niko Missilo BLI 24/25 Silo 1 Exterior		

Project: SET 3239- Nike Missile BU-34/35- Silo 1 Exterior

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400, Fourth Edition, Issue 2, 8/15/94

Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
Upwind of Work, East	С	8/9/2018	1392	0	100	0	<0.002
Downwind of Work, West	С	8/9/2018	1392	0	100	0	<0.002
Critical 1- North	С	8/9/2018	1392	4	100	5.1	<0.002
Critical 2- South	С	8/9/2018	1392	0	100	0	<0.002
Decon Entrance	С	8/9/2018	1392	0	100	0	<0.002
Decon Exit	C	8/9/2018	1392	0	100	0	<0.002
Ambient Air	С	8/9/2018	1392	1	100	1.27	<0.002
Field Blank	BL	8/9/2018		0	100		
Box Blank	BL	8/9/2018		0	100		
	Upwind of Work, East Downwind of Work, West Critical 1- North Critical 2- South Decon Entrance Decon Exit Ambient Air Field Blank	Upwind of Work, EastCDownwind of Work, WestCCritical 1- NorthCCritical 2- SouthCDecon EntranceCDecon ExitCAmbient AirCField BlankBL	Upwind of Work, EastC8/9/2018Downwind of Work, WestC8/9/2018Critical 1- NorthC8/9/2018Critical 2- SouthC8/9/2018Decon EntranceC8/9/2018Decon ExitC8/9/2018Ambient AirC8/9/2018Field BlankBL8/9/2018	Upwind of Work, East C 8/9/2018 1392 Downwind of Work, West C 8/9/2018 1392 Critical 1- North C 8/9/2018 1392 Critical 2- South C 8/9/2018 1392 Decon Entrance C 8/9/2018 1392 Decon Exit C 8/9/2018 1392 Field Blank BL 8/9/2018 1392	Upwind of Work, East C 8/9/2018 1392 0 Downwind of Work, West C 8/9/2018 1392 0 Critical 1- North C 8/9/2018 1392 4 Critical 2- South C 8/9/2018 1392 0 Decon Entrance C 8/9/2018 1392 0 Decon Exit C 8/9/2018 1392 0 Ambient Air C 8/9/2018 1392 1 Field Blank BL 8/9/2018 0 0	Upwind of Work, East C 8/9/2018 1392 0 100 Downwind of Work, West C 8/9/2018 1392 0 100 Critical 1- North C 8/9/2018 1392 4 100 Critical 2- South C 8/9/2018 1392 0 100 Decon Entrance C 8/9/2018 1392 0 100 Decon Exit C 8/9/2018 1392 0 100 Ambient Air C 8/9/2018 1392 0 100 Field Blank BL 8/9/2018 0 100	Upwind of Work, East C 8/9/2018 1392 0 100 0 Downwind of Work, West C 8/9/2018 1392 0 100 0 Critical 1- North C 8/9/2018 1392 4 100 5.1 Critical 2- South C 8/9/2018 1392 0 100 0 Decon Entrance C 8/9/2018 1392 0 100 0 Decon Exit C 8/9/2018 1392 0 100 0 Ambient Air C 8/9/2018 1392 1 100 1.27 Field Blank BL 8/9/2018 0 100 100

Carson Cain Analyst

Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour Other Analysis (circle) PTM TEM other	Flow (LPM) volume Results t Beg End Avg (liters) (f/cc) c 7.4 2.4 1392 (f/cc) c 7.4 2.4 2.4 2.4 2.4	Comments/Special Conditions
350 Elmwood Ave. • Buffalo, NY 14222 @ 716-332.3134 ① 716.332.3136	70'F/No Rain/Wind John VinJ Temp/Rain/Wind John VinJ 20180515 605 Primary Flow Calibrator #	IB IWA B Time (military) 0B OWA EX FE Start Stop Tot 0B OWA EX FE Start Stop Tot 0B IMA C OSO KOU 4% 1 IMA C OSO KOU 4% 1 IMA C OSO 100 4% 0 UMA CSUA CSO 100 4% 0 UMA CSUA CSO 100 4% 0 UMA V 0% 4% 0 V 0% 0% 4% 0 UMA V 0% </td <td>The second of the second of th</td>	The second of th
Nologies	Silo I EXPErior Work Area Location 1/35 Tantara Crp Client Client Contact Jy	10 10 10 10 10 10 10 10 10 10	08109118 : sketch 08109118 : sketch 8,10,11 8.33 536000 : 00
SIENNA ENVIRONMENTAL TECHNOLOGIES	<u>O8/69/18</u> Date <u>Date</u> <u>N1/KC</u> M1551/LE <u>BU-34/35</u> Job Name 3239 Job #	Sample Number Pump Sample Number # 080918-3239-01 # 030 03 030 03 031 03 031 03 031 03 031 03 031 03 031 03 031 03 031 03 031 03 031 03 032 03	Craig Mikida sampler Crang Muhun Relinquished by Received by lab



Attention:	Mark Lovejoy	Lab Project #:	S36020
Client:	Tantara Corporation	Sample Date:	8/13/2018
	54 Mason Street	Date Received:	8/14/2018
	Worcester, MA 01610	Analysis Date:	8/14/2018
market and			

Project: SET 3239- Nike Missile BU- 34/35- Silo 5 Exterior

PHASE CONTRAST MICROS	SCOPY BY N	OSH METHO	7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
Upwind of Work, East	A	8/13/2018	1392	4	100	5.1	<0.002
Downwind of Work, West	A	8/13/2018	1392	0	100	0	<0.002
Critical 1- North	A	8/13/2018	1392	0	100	0	<0.002
Critical 2- South	A	8/13/2018	1392	0	100	0	<0.002
Decon Entrance	A	8/13/2018	1392	2.5	100	3.18	<0.002
Decon Exit	A	8/13/2018	1392	0	100	0	<0.002
Ambient Air	A	8/13/2018	1392	0	100	0	<0.002
Field Blank	BL	8/13/2018		0	100		
Box Blank	BL	8/13/2018		0	100		
	Location Upwind of Work, East Downwind of Work, West Critical 1- North Critical 2- South Decon Entrance Decon Exit Ambient Air Field Blank	LocationTypeUpwind of Work, EastADownwind of Work, WestACritical 1- NorthACritical 2- SouthADecon EntranceADecon ExitAField BlankBL	LocationTypeSample DateUpwind of Work, EastA8/13/2018Downwind of Work, WestA8/13/2018Critical 1- NorthA8/13/2018Critical 2- SouthA8/13/2018Decon EntranceA8/13/2018Decon ExitA8/13/2018Field BlankBL8/13/2018	LocationTypeSample DateVolumeUpwind of Work, EastA8/13/20181392Downwind of Work, WestA8/13/20181392Critical 1- NorthA8/13/20181392Critical 2- SouthA8/13/20181392Decon EntranceA8/13/20181392Decon ExitA8/13/20181392Field BlankBL8/13/20181392	LocationTypeSample DateVolumeFibersUpwind of Work, EastA8/13/201813924Downwind of Work, WestA8/13/201813920Critical 1- NorthA8/13/201813920Critical 2- SouthA8/13/201813920Decon EntranceA8/13/201813920Decon ExitA8/13/201813920Field BlankBL8/13/201813920	LocationTypeSample DateVolumeFibersFieldsUpwind of Work, EastA8/13/201813924100Downwind of Work, WestA8/13/201813920100Critical 1- NorthA8/13/201813920100Critical 2- SouthA8/13/201813920100Decon EntranceA8/13/201813922.5100Decon ExitA8/13/201813920100Field BlankBL8/13/201813920100	Upwind of Work, East A 8/13/2018 1392 4 100 5.1 Downwind of Work, West A 8/13/2018 1392 0 100 0 Critical 1- North A 8/13/2018 1392 0 100 0 Critical 2- South A 8/13/2018 1392 0 100 0 Decon Entrance A 8/13/2018 1392 0 100 0 Decon Exit A 8/13/2018 1392 0 100 0 Arnbient Air A 8/13/2018 1392 0 100 0 Field Blank BL 8/13/2018 1392 0 100 0

Carson Cain

Analyst

B=Background

CR=Clearance Rush

Approved Signatory

A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

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P=Preparation

EX=Excursion Air

				2													
				Results (f/cc)													
Air Sampling Worksheet Chain of Custody	Turnaround (circle)	6 hour 48 hour	her	Volume (liters)	1392	1392	1362	2401	1202	2621							
Sampling Worksh Chain of Custody	Turnarou	in the second		(M) Avg	$ \rightarrow $		5- 0 0	1.2	6.7	5.9				IS			
ir Sam Chai	-	3 hour		Flow (LPM) Beg End		NI	5-0 2-1- 5-0		J r	107	5			Comments/Special Conditions			
A	L			4	5.2 Q	<u>in</u>	<u>ni i</u>	-	1.7 021	180 5	++-		,	ts/Special			
	Nind		DC - Lite Primary Flow	(milita Stop	17		C324		127 4	1				Comment 07			-
Y 14222 2.3136	how h		/ DC - Lite Primary	S I	<u>683</u> 8	0831	837	0/33	1254	201 1210				10		a X B X	
Buffalo, NY 1422 (Ē) 716.332.3136	Kan /Le	emp/Rain/Wind G 515	ator #	e C P	F	-			-	>						~	03
•		Temp/Ra 20180515) Calibrator #	IWA OWA	11WA	ILMA	EN0	Uno .	5 KV	UNU Dires					Door		X
350 Elmwood Av (P) 716-332.3134	26'F/N	2018	C05	18 08	0B	-			+	>				2. of 1	D P P		14-16-
350 (P)	70													E		IQX	t
			X		+ 5	15											
	Exterior	Cito	SI	cation	EQS	c, West								Sketch.	84	Kcon	65
ingen Trough	5 8	Work Area Location		Sample Location	Mor	, rhaw	North	30th	3					••	••	0000	•
	Silo	Work Area Loc	Clier	Sa	2F	cf.	-	7 - 2014	cottarce	exit L on	1 0	Blank		118	201		238621
ES				-	_	DOUNNING	5		10	1.4	5	1 1		08/13 118	08/13/18	8 1 (4 NR	2
Notog		<u>BU-34/35</u>)		Upwind	Dovi	Catica	LT FICA	recon	and	Field	Bux		0	0		
LECHN TECHN	E	<u>BU-3</u>		hump #													
SIENNA TECHNOLOGIES		le	a	20		3	20	50	28	30	08	60		MikiJa	M.M.		d by lab
VIRONN	3/18	Miss	Job Narr	Sample Number	-3230			1001						Miki	M.M.		Received by lab
	08/13/18	Nike Missil	3239	Sampl	28 1318-3239	-+-								Tail	ling		
S	Ľ	Ž			00									0	S		



Attention:	Mark Lovejoy	Lab Project #:	S36026
Client:	Tantara Corporation	Sample Date:	8/14/2018
	54 Mason Street	Date Received:	8/15/2018
	Worcester, MA 01610	Analysis Date:	8/15/2018
Drojost	CET 2020 Miles Missile DIT 24/25 Cile & Estavor		

Project: SET 3239- Nike Missile BU- 34/35- Silo 6 Exterior

Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
081418-3239-01	Upwind of Work, East	A	8/14/2018	1392	0	100	0	<0.002
081418-3239-02	Downwind of Work, West	A	8/14/2018	1392	1	100	1,27	<0.002
081418-3239-03	Critical 1- North	A	8/14/2018	1392	1	100	1.27	<0.002
081418-3239-04	Critical 2- South	A	8/14/2018	1392	0	100	0	<0.002
081418-3239-05	Decon Entrance	Α	8/14/2018	1392	0	100	0	<0.002
081418-3239-06	Decon Exit	A	8/14/2018	1392	0	100	0	<0.002
081418-3239-07	Ambient Air	A	8/14/2018	1392	0	100	0	<0.002
081418-3239-08	Field Blank	BL	8/14/2018		0	100		
81418-3239-09	Box Blank	BL	8/14/2018		0	100		

Carson Cain Analyst

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Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air

A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24-four 48 hour Other Analysis (circle) PCCM TEM other	ary) Flow (LPM) Volume Results Tot Beg End Avg (liters) (l/cc) $4/8^{\circ}$ Z.5 Z.4 Z.3 I392 (l/cc) $4/8^{\circ}$ Z.9 Z.9 I.392 1392 1/cc) $4/8^{\circ}$ Z.9 Z.9 I.392 1392 1392 1392 $4/8^{\circ}$ Z.9 Z.9 Z.9 I.392 1392 1392 1392 $4/8^{\circ}$ Z.9 Z	Comments/Special Conditions
350 Elmwood Ave. • Buffalo, NY 14222 (Ē) 716-332.3134 (Ē) 716.332.3136	70 F / Rain / Low Wind Temp/Rain/Wind 20190515 665 / DC-Lite Calibrator #	IB IMA B Time (military) 0B 0WA A C Start Stop Tot 0B 0WA B F Start Stop Tot 0B 1WA A CS K3C 490 1 1 A CS K3C 490 1 1 A CS K3C 490 0 0 CUA CS K3C 490 0 CUA CUA <td>Excavation Arca x Arca 02 Ence X03 N</td>	Excavation Arca x Arca 02 Ence X03 N
NOLOGIES	BU-34/35 SI/6 C Exterior Work Area Location BU-34/35 Tontara Corp. Client Contact	Upuind of work East Verifical of work East Critical I - Narth Critical I - Narth Critical Z - South Decon entrance Decon exit Ambicat air Field Blank Bark Bark Blank	08/14/18 : Sketch
SIENNA ENVIRONMENTAL TECHNOLOGIES	08/14/18 Date NIKU MIJSIL BU-3 Job Name 3239 Job #	Sample Number # Sample Number # CS[418-3239-61 CS[418-3239-61 CS CS CS CS CS CS CS CS CS CS CS CS CS	Graig Mikila Sampler Graw Mikhuh Relinquished by Received by lab



101518-3239-08

101518-3239-09

Field Blank

Box Blank

			LABOR	ATORY REPO	ORT				
Attention: Client:	Tanta	: Lovejoy ara Corporation					5	ab Project #: Sample Date:	S36270 10/15/2010
		lason Street cester, MA 01610						ite Received: analysis Date:	10/16/2018 10/16/2018
Project:	SET	3239- Nike Missile Silos- Missile Silo 5							
		PHASE CONTRAST MICROS		OSH METHOD) 7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Sam	ple	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
101518-323	9-01	Upwind of Work, South	P/A	10/15/2018	1170	2	100	2,55	<0.002
101518-323	9-02	Downwind of Work, North	P/A	10/15/2018	1170	0	100	0	<0.002
101518-323	9-03	Critical 1- East Fence	P/A	10/15/2018	1170	0.5	100	0.64	<0.002
101518-323	9-04	Critical 2- West Fence	P/A	10/15/2018	1170	0	100	0	<0.002
101518-323	9-05	Decon Entrance	P/A	10/15/2018	1170	0	100	0	<0.002
101518-323	9-06	Decon Exit	P/A	10/15/2018	1170	0	100	0	<0.002
101518-323	9-07	Ambient, Outer West Fence	P/A	10/15/2018	1170	0	100	0	<0.002

10/15/2018

10/15/2018

0

0

100

100

BL

BL

 Carson Cain

 Analyst
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(b) 716-332.3134 (f) 716.332.3136 (g) 716-332.3134 (f) 716.332.3134 (f) 716.332.3136 (f) 716.332 (44°/Rain/VindTurnaround (circle)Temp/Rain/Wind3 hourTemp/Rain/Wind48 hourA8 hour48 hour	r <i>ialysis (c</i> TEM	IB IW/A B P Time (military) Flow (LPM) Volume Results 0B OW/A A C E Start Stop Tot Beg End Avg (liters) (f/cc)	3,0	1004 1634 390 3.0 3.0 3.0 1.	3.0 1,	3.0	3.0	V awA V 1022 1643390 3.0 3.0 3.0 1,170				Comments/Special Conditions			Tox
S	6	Mark Lovert Client Mark Lovertoy	Sample Location	Wpwind of work, south	Critical 2 - East Pence	- westt	Decon Entrance	Decon Exit	ambreat , owter west flace	field wank			10/15/18 16:00 Sketch *	10/15/18 16:00	10/16/18 8:01	106
S CIENTAL TECHNOLOGIES	10/15/18 Date	Nit Ke Missilesilos Job Name Job #	Sample Number #	101518-3239-01	-03	+0+	- 05	90-	107	V/ V/-08	V V - 09		Matt Zealle	matt zerkle	Relinquished by	Received by lab



LABORATORY REPORT									
Attention:	Mark Lovejoy	Lab Project #:	S36278						
Client:	Tantara Corporation	Sample Date:	10/16/2018						
	54 Mason Street	Date Received:	10/17/2018						
	Worcester, MA 01610	Analysis Date:	10/17/2018						
Project:	SET3239- Nike Missile BU-34/35- Silo 6 Exterior/Interior								
	PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 740	00, Fourth Edition, Issue 2, 8/15/94							

Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/co
101618-3239-01	Upwind of Work, South	P/A	10/16/2018	960	0	100	0	<0.003
101618-3239-02	Downwind of Work, North	P/A	10/16/2018	960	3	100	3.82	<0.003
101618-3239-03	Critical 1- East Fence	P/A	10/16/2018	960	0	100	0	<0.003
101618-3239-04	Critical 2- West Fence	P/A	10/16/2018	960	3	100	3.82	<0.003
101618-3239-05	Decon Entrance	P/A	10/16/2018	960	0	100	0	<0.003
01618-3239-06	Decon Exit	P/A	10/16/2018	960	0	100	0	<0.003
101618-3239-07	Ambient, Outer West Fence	P/A	10/16/2018	960	0	100	0	<0.003
101618-3239-08	Field Blank	BL	10/16/2018		0	100		
101618-3239-09	Box Blank	BL	10/16/2018		0	100		

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 34 bear 48 hour Other Analysis (circle) PCM TEM ather	Flow (LPM) Volume Results & End Avg (liters) (f/cc)	0 2.0 2.9 960 2.0 2.0 960	0.0 0.5	2.0 2.0	210	Conditions	
350 Elmwood Ave. • Buffalo, NY 14222 (Ē) 716-332.3134 (Ē) 716.332.3136	45°/Rainy/10-20 mph Temp/Rain/Wind 20180515 606" DC-Lite Calibrator #	IB IW/A B P Time (military) F OB OW/A A C Start Stop Tot Beg	0B IWA PVA 0830 4630 480 30 IWA 0832 4632 480 20	2636 1636 480	084 0491 0480 A		Xol N Comments/Special Conditions 5:10 6 33 V	0.3 X ob X becan der
2	Silo & Exteriot/Interiot Work Area Location Tantara Lorp Client Mark Love 10y Client Contact	Sample Location	upwind of work, south downwind of work, North	∓	11 Miles	ambient outer west tence bield blank box Blank	10/16/18 17:00 Skatch 10/16/18 17:00	16,17,18 8:01 536278 x07
SIENNA ENVIRONMENTAL TECHNOLOGIES	10/16/18 ^{bate} Nike Missile BU-34/35 Job Name 32.39 Job#	Sample Number #	101618-3239-01 1 10-03 0 10-03 0 10-03 0				MUNT Jerren Sampler MOUT Jerren MOUT Jerren Relinquished by	Received by lab



	LABORATORY REPORT	-	
Attention:	Mark Lovejoy	Lab Project #:	\$36282
Client:	Tantara Corporation	Sample Date:	10/17/2018
	54 Mason Street	Date Received:	10/18/2018
	Worcester, MA 01610	Analysis Date:	10/18/2018
Project:	SET 3239- Nike Missile BU-34/35- Silo 6 Exterior/Interior		

	PHASE CONTRAST MICROS	COPY BY NI	OSH METHO	7400, F o	ourth Editi	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
101718-3239-01	Upwind of Work, West	A	10/17/2018	1050	0.5	100	0.64	<0.003
101718-3239-02	Downwind of Work, East	A	10/17/2018	1050	3	100	3.82	<0.003
101718-3239-03	Critical 1- North Fence	Α	10/17/2018	1050	1.5	100	1.91	<0.003
101718-3239-04	Critical 2- South Fence	A	10/17/2018	1050	0	100	0	<0.003
101718-3239-05	Decon Entrance	Α	10/17/2018	1050	1	100	1.27	<0.003
101718-3239-06	Decon Exit	A	10/17/2018	1050	0	100	0	<0.003
101718-3239-07	Ambient, Outer South Fence	Α	10/17/2018	1050	1.5	100	1.91	<0.003
101718-3239-08	Field Blank	BL	10/17/2018		0	100		
101718-3239-09	Box Blank	BL	10/17/2018		0	100		

Carson Cain Analyst

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(2) 716-332.3134 (E) 716.332.3136 Chain of Custody	45°/RainY/Jg-20mph Turnaround (circle) Temp/Rain/Wind 3 hour 6 hour Jol & o S I S 0 C + Lite 24 hou & o δ bc - Lite 24 hou & o δ bc - Lite 24 hou & o δ bc - Lite 27 hou & c δ bc - Lite Pc(M) Calibrator # other analysis (circle)	IB IWA B P Time (military) Flow (LPM) Volume Results OB OWA A E Start Stop Tot Beg End Avg (liters) (f/cc)	0B INA MA 2800 1645 525 2.0 2.0 1,050 INA 00001647 535 2.0 2.0 2.0 1,050	1649 525 2,0 2,0 2.0 11	0806 1651 525 8,0 2,0 2,0 1	awh 0810 1655 5252.0 2.0 1,050 1,050	V 0812 1657 5252.0 2.0 2.0 1,					Decon
	Silo 6 Exferior/Interior Work Area Location Tantata Carp Client Client Contact	o Sample Location	Upwind of work, west downwind of work, East	Critical 1 - North Feace	Critical 2 - South Feace	Decon Entrance	ambient, outer south ferie	lank	hat blank		10/17/18 17:00 Sketch 10/17/18 17:00 Sketch 10/17/18 17:00 b/8/18 8:01 7.10 1.2	50
ENVIRONMENTAL TECHNOLOGIES	0/17/18 Date Nike Missile 811 - 34/35 Job Name 3 2 3 3 9 Job #	Pump Sample Number #	101718-3237-01	60 -	+0	90-	- 97	80- 1	V - 09		Mall Juckle Sampler MUN Juckle Relinquished by Received by lab	



	LABORATORY REPORT		
Attention:	Mark Lovejoy	Lab Project #:	S36284
Client:	Tantara Corporation	Sample Date:	10/18/2018
	54 Mason Street	Date Received:	10/19/2018
	Worcester, MA 01610	Analysis Date:	10/19/2018
Destants			

Project: SET 3239- Nike Missile Silo BU-34/35- Silo 6 Exterior/Interior

	PHASE CONTRAST MICROS	COPY BY NI	OSH METHO	7400, F o	ourth Editi	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/co
101818-3239-01	Upwind of Work, West	А	10/18/2018	1050	1.5	100	1.91	<0.003
101818-3239-02	Upwind of Work, East	A	10/18/2018	1050	2	100	2.55	<0.003
101818-3239-03	Critical 1- North Fence	A	10/18/2018	1050	0.5	100	0.64	<0.003
101818-3239-04	Critical 2- South Fence	A	10/18/2018	1050	2	100	2,55	<0.003
101818-3239-05	Decon Entrance	A	10/18/2018	1050	0.5	100	0.64	<0.003
101818-3239-06	Decon Exit	Α	10/18/2018	1050	0	100	0	<0.003
101818-3239-07	Ambient, Outer South Fence	A	10/18/2018	1050	0	100	0	<0.003
101818-3239-08	Field Blank	BL	10/18/2018		0	100		
101818-3239-09	Box Blank	BL	10/18/2018		0	100		

Carson Cain

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CR=Clearance Rush

P=Preparation

EX=Excursion Air

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ly	(<i>circle</i>) 6 hour 48 hour <i>ircle</i>) ^{ather}	Volume Results (liters) (f/cc) (f/cc) 050 050 050 050 050 050	
Air sampling worksneet Chain of Custody	Turnaround (circle) 3 hour 6 hou 24 hour 48 ho Other 48 ho Analysis (circle)	Flow (LPM) Beg End Avg 2.0 2.0 2.0 3.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0 2.0	Comments/Special Conditions
(b) 716-332,3134 (f) 716.332,3136	40 ² /Swny/Io-ISmph Temp/Rain/Wind 20180515 606 DC-Lite Calibrator#	IB IMA B Time (military) 0B 0WA Ex F Start Stop Tot Bei 0B TWA A 6600 L4YS 535 3.1 1 TWA A 6600 L4YS 535 3.1 1 DWA 0804 L4YS 535 3.1 1 DWA 0806 L5S 535 3.1 0 DWA 0806 L5S 535 3.0 0 DWA 0806 L5S 535 3.0 0 OWA 0808 L5S 535 3.0 0 OWA 0819 L5S 535 3.0 0 OWA OB18 L5S 535 3.0 0 OWA OWA OB18 L5S 535 3.0 <td>Silo 6 TWA TWA TWA TWA TWA TWA TWA TWA</td>	Silo 6 TWA TWA TWA TWA TWA TWA TWA TWA
5	Silo 6 Extr rlor / Katerich Work Area Location Tantaro. Cotp Client Mark Love joy Client Contact	sample location Liquinal of work, west upwind of work, west Critical 3 - North Fence Critical 3 - South Fence Critical 3 - South Fence Secon Exit Decon Exit a mbient, owter south Fence Bank Bank Blank	10/18/18 17:00 Sketch 10/18/18 17:00 Sketch 10/19/18 20 ×2 536284 ×2
ENVIRONMENTAL TECHNOLOGIES	10/18/18 Date Nike MISsile 84-34/35 Job Name 32-39 Job #	Sample Number # Sample Number # [0]815-3239-01 # 1-02 [1-03] 1-03 1-03 1-03 1-03 1-03 1-03 1-03 1-03	WWH BEERCE Sampler Sampler Relinquished by Relinquished by Received by lab



	LABO	DRATORY REPORT		
Attention:	Mark Lovejoy		Lab Project #	S36294
Client:	Tantara Corporation		Sample Date;	10/22/2018
	54 Mason Street		Date Received:	10/23/2018
	Worcester, MA 01610		Analysis Date:	10/23/2018

Project: SET 3239- Nike Missile BU- 34/35- Silo 6 Exterior/Interior

Comolo	l contine	Turne	Comple Date	Maluma	Eihaan	Eislde	Fibers/mm2	Fibers/cc
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields		
102218-3239-01	Upwind of Work, South	Α	10/22/2018	1050	4	100	5.1	<0.003
102218-3239-02	Downwind of Work, North	Α	10/22/2018	1050	5.5	100	7.01	0.003
102218-3239-03	Critical 1- East Fence	Α	10/22/2018	1050	0.5	100	0.64	<0.003
102218-3239-04	Critical 2- West Fence	A	10/22/2018	1050	3	100	3,82	<0.003
102218-3239-05	Decon Entrance	Α	10/22/2018	1050	2	100	2.55	<0.003
102218-3239-06	Decon Exit	A	10/22/2018	1050	3	100	3.82	<0.003
102218-3239-07	Ambient, Outer South Fence	Α	10/22/2018	1050	2.5	100	3.18	<0.003
102218-3239-08	Field Blank	BL	10/22/2018		0	100		
02218-3239-09	Box Blank	BL	10/22/2018		0	100		

Carson Cain Analyst

Approved Signatory

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ly	(<i>circle)</i> 6 hour 48 hour <i>ircle</i>) other	Volume Results (liters) (l/cc)	050	1,050	,050	,050	,050	50						
Chain of Custody	Turnaround (circle, 3 hour 6 hou 24 hour 48 ho Other 48 ho Dther 48 ho	Flow (LPM) Vol Beg End Avg (lit	2.0 2.0 2.0 1	10,00,000	2.0 2.0 8.0	2.0 2.0 2.0 1	2.0 2.0 2.0 1	2.0 2.0 2.0 1,050				Comments/Special Conditions		
(P) 716-332.3134 (E) 716.332.3136	0°/suny/lo-ismple Temp/Rain/Wind ph Bosison/Pic-Lite Sob / DC-Lite Calibrator #	IB IW/A B P Time (military) OB OW/A A C Ex FE	A 0820 1645	TWA 08031647 535	1531 2080		0WA 0810 1655 525	V OWA V 0812 1657 525				- × / Comments/Sp		X S X S X S X
	Silo & Exterior/Interior Work Area Location Tantara dorp Client Mark Lovejoy Client Contact	Sample Location	upwind of works, south	dewawind of work, North,	Critical 2- west fence	Decon Entrance	Decontrit	ambient, outer south tence	Field blank	Bar Blank		10/32/18 17:00 Sketch	10/28/18 17:00 × 10/28/18	`
ENVIRONMENTAL TECHNOLOGIES	10/22/18 Date Nike Missile 84 - 34/35 Job Name 3239 Job#	Sample Number #	102218-3239-01	- 03		-05	90-	10-1	1 1/ - 08	60- A		MWH Jerrel	MM PRAN	Received by lab



		LABORATORY REPORT		
Attention:	Mark Lovejoy		Lab Project #:	S36296
Client	Tantara Corporation		Sample Date:	10/23/2018
	54 Mason Street		Date Received:	10/24/2018
	Worcester, MA 01610		Analysis Date:	10/24/2018

Project: SET 3239- Nike Missile BU-34/35- Silo 6 Exterior/Interior

Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
102318-3239-01	Upwind of Work, West	А	10/23/2018	1050	19.5	100	24.84	0.009
102318-3239-02	Downwind of Work, East	Α	10/23/2018	1050	3	100	3.82	<0.003
102318-3239-03	Critical 1- North Fence	A	10/23/2018	1048	0	100	0	<0.003
102318-3239-04	Critical 2- South Fence	A	10/23/2018	1048	6	100	7.64	0.003
102318-3239-05	Decon Entrance	Α	10/23/2018	1048	4.5	100	5.73	<0.003
102318-3239-06	Decon Exit	A	10/23/2018	1050	7.5	100	9.55	0.004
102318-3239-07	Ambient, Outer North Fence	A	10/23/2018	1050	1	100	1.27	<0.003
102318-3239-08	Field Blank	BL	10/23/2018		0	100		
02318-3239-09	Box Blank	BL	10/23/2018		0	100		

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EX=Excursion Air

2' $\langle \rangle$ Approved Signatory

A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

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set	ur -	other	Results (f/cc)					-									
Air Sampling Worksheet Chain of Custody	Turnaround (circle) ur 6 hour 48 hour	circle)	Volume (liters)	1,050	1,050	1,048	1,048	1,048	1,050	1,050							
Sampling Worksh Chain of Custody	Turnarou		(MM) d AVB	0 2.0	0 2.0		03.0	3	0 2.0	0 2.0				sug			
Air San Cha	a hour	BCW	Flow (LPM) Beg End	2.0 2.0	2.0 2.0				.0 2.0	2.0 2.0	+			Comments/Special Conditions			
				525	525	5ort	S.	5242	5252	5250				ents/Speci			
1.0	-5	DC - Lite Primary Flow	Time (military) art Stop To	0800 1645	1647	4949	1647	6 1650	0 1652	2 1654							-
(F) 716.332.3136	Vind Wind		B P Time	A 08	6080	4080	9080	8080	0180	V 0812					-1×	90	Decon
1 (E) 71	Rain/	o 6 Calibrator #	IWA OWA	TWA	TWA	VMO	AWO	4M a	AWQ	PWA				≠o×			
(P) 716-332.3134 (F) 716.332.3136	38° Temp 20180	60	18 08	08						>					1 VMI)]) 1	xe
	Sterior 1		ion		ast	erce	166			A Fence				Sketch	(ex		×07
DGIES	Silo 6 Exteriar/Intrior Work Area Location Tourtoro Cotp	Client Matk Love, jay Client Contact	Sample Location	upwind of work, west	downwind of work, East	Chitical 1 - North fer	Critical 2 - South ferce	becon Entrance	Decon Exit	2 mbient, owter Notth	Gield Blank	Box Blank		10/23/18 17:00	10/63/18 17:00	10/24/18 8 :c/	967955
TECHNOL	4/45		dund	3	d	י ע	Ŭ	9	De								
ENVIRONMENTAL TECHNOLOGIES	10/23/18 Date Nike Missile BU-34/35	32.39 Job#	Sample Number	-3339-01	103	-03	10-	- 05	90-	10:	60-11	V - 09		with Jensel	WH Perh BN		Received by lab
B	1 c Nike		Sar	102318-3239	-							>		ma	ma		Y.



		LABOR	ATORY REPO	ORT			
Attention:	Mark Lovejoy					Lab Project #:	S36301
Client:	Tantara Corporation					Sample Date:	10/24/2018
	54 Mason Street					Date Received:	10/25/2018
	Worcester, MA 01610					Analysis Date:	10/25/2018
Project:	SET 3239- Nike Missile BU- 34/35- Silo 6 I	nterior/Exterior					
	PHASE CONTRAST MICROS		OSH METHOD	7400, F o	ourth Editi	on, Issue 2, 8/15/94	
Fam	ala Leastian	Ture	Comple Date	Malana	Eihaan	Eistele Eibere (mens)	Cihom/co

Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
102418-3239-01	Upwind of Work, West	А	10/24/2018	1050	0	100	0	<0.003
102418-3239-02	Downwind of Work, East	A	10/24/2018	1050	1	100	1.27	<0.003
102418-3239-03	Critical 1- North Fence	A	10/24/2018	1050	1.5	100	1.91	<0.003
102418-3239-04	Critical 2- South Fence	A	10/24/2018	1050	0	100	0	<0.003
102418-3239-05	Decon Entrance	Α	10/24/2018	1050	3,5	100	4.46	<0.003
102418-3239-06	Decon Exit	A	10/24/2018	1050	0	100	0	<0.003
102418-3239-07	Ambient, Outer North Fence	A	10/24/2018	1050	0	100	0	<0.003
102418-3239-08	Field Blank	BL	10/24/2018		0	100		
102418-3239-09	Box Blank	BL	10/24/2018		0	100		

Carson Cain

Analyst

Approved Signatory

B=Background CR=Clearance Rush

P=Preparation EX=Excursion Air

A=Abatement PE=Personal Air Sample

C=Clearance **BL=Blank**

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI). Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low .37, Med .24, High .16. NYS ELAP #11727

			Results (f/cc)				_								
orksheet ustody	Turnaround (circle) ur 6 hour 300 48 hour	her Analysis (circle) TEM other	Volume (liters)	1,050		1,050	1,050	1,050	1,050						
Air Samplin Curksh Chain of Custody	Turnarou 3 hour 24 hour	Other Analysis (TEM	Flow (LPM) Fend Avg	2.0 2.0	+	2.0 2.0	2.0 2.0	2.0 2.0	2.0 2.0		F	ditions			
Air 9			t Beb	525 2.0 525 2.0	2.0	525 2.0	525 2.0	525 2.0	525 2.0			Comments/Special Conditions			
.14222 .3136	-lomph	Primary Flow	Time (military) Start Stop To	0800 1647 525 0802 1647 535	0804 1649	1591 9080	0808 1653	0810 1655	0812 1657						×5 ×5
e. • Buffalo, NY 1422 (Ê) 716.332.3136	ain/Wind	S Calibrator #	IWA B P OWA C C	TWA A	AW0	AMO	P.W.A	PWA PWA	DWA A				×	X	Decon
350 Elmwood Ave. • Buffalo, NY 14222 (₱ 716-332.3134 (₱ 716.332.3136	38°/Ro Temp/R	606	1B OB	80			~		>			1	ZWA 1	1	₹.
	10								-				ntx		
	. Interiot/Exteriot Work Area Location Itata Corp	Client LovejoY Client Contact	Sample Location	west	th fence	th Pence			wrth Fence	k	2	17:00 Sketch	17:00	2	
	Silo & Interior/ Work Area Locat Tontata Corp	Client کے کا حداث کے Client Contac	Sam,	upwind of work, west domeniad of work Fast	Chitical 1 - North Fence	Critical 2-South Parce	Decon Entrance	txu	1, o when North	field belong	Bax Wank	10/24/18 1.	1 81/42/01	8 8146101	108985
	<u>v</u>	1		Le puind	CHFICA	d ritica	Decon	Decon Exit	ambient	fiel	Bax		101	101	1
L TECH	34/35		hump #						2-1			appen	ph	6	
SIENNA ENVIRONMENTAL TECHNOLOGIES	10/23/18 Date Nithe Missile BU - 34/35	Job Name 3 2 3 ア Job #	Sample Number	102418-3239-01	- og	60-	20-1 -	90-	20-	80- 1	V -09	Nall ze	north Ber Relinquished by	18	Received by lab
\bigcirc	L AiN	n		1024				_		1		1/2	1		



Decon Entrance

Ambient, Outer North Fence

Decon Exit

Field Blank

Box Blank

			LABOF	RATORY REPO	ORT				
Attention:	Mark	Lovejoy					L	ab Project #:	\$36307
Client:	Tanta	ara Corporation					\$	Sample Date:	10/25/2018
	54 M	ason Street					Da	te Received:	10/26/2018
	Word	ester, MA 01610					A	nalysis Date:	10/26/2018
Project:	SET	3239- Nike Missile BU- 34/35- Silo 6 I	Exterior/Interior						
		PHASE CONTRAST MICROS	SCOPY BY NI	OSH METHO	7400, F o	ourth Edit	ion, Issue	2, 8/15/94	
Sam	ple	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
102518-323	9-01	Upwind of Work, West	А	10/25/2018	1050	0	100	0	<0.003
102518-323	9-02	Devenuing of Minds Cont	A	40/05/004.0	4050		400		
102316-323		Downwind of Work, East	~	10/25/2018	1050	1	100	1.27	<0.003
102518-323	9-03	Critical 1- North Fence		10/25/2018	1050	2	100	1.27 2.55	<0.003

10/25/2018

10/25/2018

10/25/2018

10/25/2018

10/25/2018

1050

1050

1050

0

1

0

0

0

100

100

100

100

100

0

1.27

0

< 0.003

< 0.003

< 0.003

Α

A

Α

BL

BL

Carson Cain

Analyst

Approved Signatory

B=Background CR=Clearance Rush

102518-3239-05

102518-3239-06

102518-3239-07

102518-3239-08

102518-3239-09

P=Preparation EX=Excursion Air

A=Abatement PE=Personal Air Sample

C=Clearance BL=Blank

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			Results (f/cc)													
orksheet ustody	<i>Turnaround (circle)</i> Jr 6 hour	A the term of	Volume (liters)	1,050	1,050	1,050	1,050	1,050	1,050	1,050	(
Air Samplin Crksh Chain of Custody	<i>Turnarou</i> 3 hour	PCM TEM	Flow (LPM) End Avg	2,0 2,0	2.0 2.0	2.0 2.0	2,02.0	2.0 2.0	2.0 2.0	2.0 2.0			litions			
Air So C	m	V C	t Beg	525 2.0	5a52.0 6	2,0	2,0	2,0	2,0	2.0			Comments/Special Conditions			
	o h	DC - Lite Primary Flow	Time (military) art Stop Tot	0800 1645 53	0803 1647 5a	SEE 6491 4080	1651 325	0808 1653 525	0810 1655 525	0812 1657 52S			Comments/		2	
Buffalo, NY 14222 € 716.332.3136	1-10-04		B P Time	A 0800	2080	0804	0800	080	0810	V 0813	+		27	~ ×	5	Decon
• 0	38°/Refrav/1	80180702 606 Calibrator#	NMA OWA	FW7 8	TWA	6M9	M MO	OWA	AWO	DWA			hox			×°3
350 Еітчоод Ач (₽) 716-332.3134	3	80	18 08	00	-			-		>	1			AWA I		
	/Interior		ion	+:	54	ACE	006			Fence			Sketch	¢×		×ò
	Exterior/In Work Area Location	Tantara Corp Client Mark Lovejoy Client Contact	Sample Location	rk, wes	Work, Ea	- North Feace	South fe	ACE		Cr North	and	An	17:00	17:00	8.9	2
LOGIES	Sile 6 Ex	Tantara Corp Client Mark Love of ov		upwind of work, west	downwind of Work, East	driftical 1 -	Critical 2 - South Fence	Decon Entrance	Decon Exit	ambients outer North Fence	Rield Wan	Box Blank	10/25/18	10/25/13	to pl ng	530307
L TECHNO		-34/35	h #						-				ka	M		
SIE NNA A	18 Date	b Name 8 Name 3 9 Job #	imber	10-61	C01	eo-	101	-05	90-	-07	- 08	60 -	Sampler	& Jank	à	Received by lab
	10/25/18	Nike Missile Bu Job Name 32.39 Job #	Sample Number	10-6228-815001									Mont	Matt .	D	Rec



Attention:	Mark Lovejoy	Lab Project #:	S36322
Client:	Tantara Corporation	Sample Date:	10/29/2018
	54 Mason Street	Date Received:	10/30/2018
	Worcester, MA 01610	Analysis Date:	10/30/2018
Broject	CET 2220 Mike Missile Ciles Cile #C Cuterior/Int		

Project: SET 3239- Nike Missile Silos- Silo #6 Exterior/Int

PHASE CONTRAST MICROS	COPY BY NI	OSH METHO	<mark>D 7400, F</mark> o	ourth Editi	ion, Issue	2, 8/15/94	
Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
Upwind of Work, North	А	10/29/2018	1275	0	100	0	<0,002
Downwind of Work, South	A	10/29/2018	1275	1,5	100	1.91	<0.002
Critical 1- West Fence	A	10/29/2018	1275	0	100	0	<0.002
Critical 2- East Fence	A	10/29/2018	1275	3	100	3.82	<0.002
Decon Entrance	Α	10/29/2018	1275	4	100	5.1	<0.002
Decon Exit	Α	10/29/2018	1275	1.5	100	1,91	<0.002
Ambient, Outer North Fence	A	10/29/2018	1275	0	100	0	<0.002
Field Blank	BL	10/29/2018		0	100		
Box Blank	BL	10/29/2018		0	100		<u> </u>
	Location Upwind of Work, North Downwind of Work, South Critical 1- West Fence Critical 2- East Fence Decon Entrance Decon Entrance Field Blank	LocationTypeUpwind of Work, NorthADownwind of Work, SouthACritical 1- West FenceACritical 2- East FenceADecon EntranceADecon ExitAAmbient, Outer North FenceAField BlankBL	LocationTypeSample DateUpwind of Work, NorthA10/29/2018Downwind of Work, SouthA10/29/2018Critical 1- West FenceA10/29/2018Critical 2- East FenceA10/29/2018Decon EntranceA10/29/2018Decon ExitA10/29/2018Field BlankBL10/29/2018	LocationTypeSample DateVolumeUpwind of Work, NorthA10/29/20181275Downwind of Work, SouthA10/29/20181275Critical 1- West FenceA10/29/20181275Critical 2- East FenceA10/29/20181275Decon EntranceA10/29/20181275Decon ExitA10/29/20181275Field BlankBL10/29/20181275	LocationTypeSample DateVolumeFibersUpwind of Work, NorthA10/29/201812750Downwind of Work, SouthA10/29/201812751.5Critical 1- West FenceA10/29/201812750Critical 2- East FenceA10/29/201812753Decon EntranceA10/29/201812754Decon ExitA10/29/201812751.5Ambient, Outer North FenceA10/29/201812750Field BlankBL10/29/20180	LocationTypeSample DateVolumeFibersFieldsUpwind of Work, NorthA10/29/201812750100Downwind of Work, SouthA10/29/201812751.5100Critical 1- West FenceA10/29/201812750100Critical 2- East FenceA10/29/201812753100Decon EntranceA10/29/201812754100Decon ExitA10/29/201812751.5100Field BlankBL10/29/201812750100	Upwind of Work, North A 10/29/2018 1275 0 100 0 Downwind of Work, South A 10/29/2018 1275 1.5 100 1.91 Critical 1- West Fence A 10/29/2018 1275 0 100 0 Critical 2- East Fence A 10/29/2018 1275 3 100 3.82 Decon Entrance A 10/29/2018 1275 4 100 5.1 Decon Exit A 10/29/2018 1275 1.5 100 1.91 Ambient, Outer North Fence A 10/29/2018 1275 0 100 0 Field Blank BL 10/29/2018 1275 0 100 0

Carson Cain

Analyst

02 Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample C=Clearance BL=Blank

Results relate only to samples as provided by client. This laboratory is not responsible for sample collection activities, analytical method limitations or data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. This report shall not be reproduced, except in full, without written approval by Sienna. The Sr for analysts is calculated per NIOSH Method 7400 using quality control data including 95% Confidence Interval (CI) Minimum volume of 900L required by NIOSH Method 7400 to reach CI of 95% at Method's Limit of Detection (LOD) at < 0.01 fiber/cc. Analysts' Sr Ranges: Low .37, Med. 24, High .16. NYS ELAP #11727

Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 6 hour Other Analysis (circle) PCM TEM other	Tot Flow (LPM) Volume Results Tot Beg End Avg Vince Results 510 2.5 2.5 2.5 2.5 7.5 7.5 510 2.5 2.5 2.5 2.5 7.5 7.5 510 2.5 2.5 2.5 2.5 2.5 7.5 510 2.5 2.5 2.5 2.5 2.5 7.5 7.5 510 2.5 2.5 2.5 2.5 2.5 7.5 7.5 510 2.5 2.5 2.5 2.5 7.5 7.5 7.5 510 2.5 2.5 2.5 2.5 7.5 7.5 7.5 510 2.5 2.5 2.5 2.5 7.5 7.5 7.5 610 2.5 2.5 2.5 2.5 7.5 7.5 7.5 610 2.5 2.5 2.5 7.5 7.5 7.5	Comments/Special Conditions
350 Elimwood Ave. • Buffaio, NY 14222 (D) 716-332.3134 (E) 716.332.3136	38° Rainy/wind Temp/Rain/Wind 20180703 606 DC-Lite Calibrator#	IB IMA B Time (military) 0B 0WA EX FE Start Stop Tot 0B JWA A 0800 Id30 510 1 TWA A 0800 Id30 510 1 TWA A 0803 Id32 510 0 OWA OWA 0804 Id32 510 0 OWA OWA 0804 Id32 510 0 OWA OS06 Id33 510 510 0 OWA OS06 Id33 510 510 0 OWA OS06 Id44 510 510 0 OWA OS10 Id44 510 510 0	I x x x x x x x x x x x x x x x x x x x
	Nike Silo # Exteriory	sample Location Lewind of Work, North downwind of Work, North downwind of Work, south Critical 3 - East fence Critical 3 - East fence Critical 3 - East fence dritical 3 - East fence Decon Exit Decon Exit Decon Exit Box Blank Box Blank	211 10/29/18 17:00 Sketch UN 10/29/18 17:00 4× 10/30/18 8:01 4× 536322
SIENNA ENVIRONMENTAL TECHNOLOGIES	10/29/18 Date Nike missile silos Job Name Job #	Sample Number # Sample Number # 102918-3339 - 01 # -03 -03 -04 -03 -03 -03 -03 -03 -03 -03 -03 -03 -03	Received by lab



Attention:	Mark Loveioy	Lab Project #	S36325
Client:	Tantara Corporation	Sample Date:	10/30/2018
	54 Mason Street	Date Received:	10/31/2018
	Worcester, MA 01610	Analysis Date:	10/31/2018

Project: SET 3239- Nike Missile Silos- Nike Silo 6 Exterior/Interior

	PHASE CONTRAST MICROSC	OPY BY NI	OSH METHO	7400, F	ourth Edit	ion, Issue	2, 8/15/94	
Sample	Location	Туре	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
103018-3239-01	Upwind of Work, North Wall	С	10/30/2018	1260	0	100	0	<0.002
103018-3239-02	Downwind of Work, South Wall	с	10/30/2018	1260	0.5	100	0.64	<0.002
103018-3239-03	Critical-1, North Wall	с	10/30/2018	1260	0	100	0	<0.002
103018-3239-04	Critical-2, South Wall	С	10/30/2018	1260	0,5	100	0,64	<0.002
103018-3239-05	Critical-3, West Wall	С	10/30/2018	1260	0	100	0	<0.002
103018-3239-06	Critical-4, East Wall	с	10/30/2018	1260	0	100	0	<0.002
103018-3239-07	Critical-5, South Wall	с	10/30/2018	1260	0	100	0	<0.002
103018-3239-08	Decon Entrance	С	10/30/2018	1260	0	100	0	<0.002
103018-3239-09	Decon Exit	С	10/30/2018	1260	0	100	0	<0.002
103018-3239-10	Ambient, Outer North Fence	С	10/30/2018	1260	0	100	0	<0.002
103018-3239-11	Field Blank	BL	10/30/2018	зř	0	100		
103018-3239-12	Box Blank	BL	10/30/2018		0	100		

Carson Cain

Analyst

Approved Signatory

B=Background CR=Clearance Rush P=Preparation EX=Excursion Air A=Abatement PE=Personal Air Sample

C=Clearance BL=Blank

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Air Sampling Worksheet Chain of Custody	Turnaround (circle) 3 hour 6 hour 24 hour 48 hour Other Analysis (circle) PCM TEM other	Tot Flow (LPM) Volume Results Tot Beg End Avg (liters) (f/cc) H2D 3.0 3.0 3.0 1, 3.6 (f/cc) H2D 3.0 3.0 1, 3.6 (f/cc) (f/cc) H2D 3.0 3.0 1, 3.6 (f/cc) (f/cc) (f/cc) H2D 3.0 3.0 1, 3.6 (f/cc) (f/cc) (f/cc) H2D 3.0 3.0 3.0 1, 3.6 <	Comments/Special Conditions
350 Eimwood Ave. • Buttalo, NY 14222 (P) 716-332.3134 (P) 716.332.3136	38°/Suny/windy Temp/Rain/Wind 2.0180702 606 / DC-Lite Calibrator #	IB IWA B Time (military) OB OWA EX Ex Start Stop Tot OB TWA C AUS IHF7 H20 Tot OB TWA C AUS IHF7 H20 Tot TWA C AUS IHF7 H20 Tot H47 H20 TWA OF OFF7 IHF7 H20 P P P P TWA OFF3 TWA OFF3 IHF5 H20 P </td <td>Xes xad N Comments Xes xad V Twa Twa Silo 6 xo1 Xo7 Xo7 Xo7 Xo7 Xo7 Xo7 Xo7 Xo7</td>	Xes xad N Comments Xes xad V Twa Twa Silo 6 xo1 Xo7 Xo7 Xo7 Xo7 Xo7 Xo7 Xo7 Xo7
Chuologies	Nike Silo 46 Exercion/Interior Work Area Location Tarrata Corp Client Client Contact	m sample location upwind of wark, Northwall dewnwind of wark, Northwall dewnwind of wark, Sewthwall Critical - 1, Northwall Critical - 3, Southwall Critical - 3, Southwall Critical - 3, Luestwall Critical - 3, Luestwall Critical - 4, Eastwall Critical - 5, Southwall Becon Extrance Decon Extrance	Call 10/30/18 17:00 Sketch 2 2 2 10/30/18 17:00 Sketch 2 2 2 3 6 3 2 5 1 2 5 1 0 5 10 5 10 5 10 5 10 5 10
S C L L L L L L L L L L L L L L L L L L	10/30/18 Date Nike Missile Silos Job Name 3239 Job #	Sample Number # Sample Number # Io3018-32.39-01 # 103018-32.39-01 # -03 -04 -04 -04 -05 -05 -05 -05 -07 -10 -10 -10	Math Perd sampler MMM Bulk Relinquished by Received by lab



6. LABORATORY ACCREDITATION

NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER



Expires 12:01 AM April 01, 2019 Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. SUSANNE KELLEY SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC 350 ELMWOOD AVENUE BUFFALO, NY 14222 NY Lab Id No: 11727

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS All approved subcategories and/or analytes are listed below:

Miscellaneous

Fibers

NIOSH 7400 A RULES

Serial No.: 57942

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER



Expires 12:01 AM April 01, 2019 Issued April 01, 2018

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE Issued in accordance with and pursuant to section 502 Public Health Law of New York State

NY Lab Id No: 11606

MS. RHONDA R. MCGEE EMSL ANALYTICAL INC 490 ROWLEY ROAD DEPEW, NY 14043

> is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES AIR AND EMISSIONS All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos

Fibers

40 CFR 763 APX A No. III

YAMATE, AGARWAL GIBB NIOSH 7402 NIOSH 7400 A RULES

Serial No.: 57853

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



7. VARIANCE

Division of Safety and Health Engineering Services Unit

Department of Labor

W. Averell Harriman State Office Campus Building 12, Room 154, Albany, NY 12240 www.labor.ny.gov 518-457-1536

May 25, 2018

Sienna Environmental Technologies 350 Elmwood Ave Buffalo, NY 14222

RE: File No. 18-0656

Dear Sir/Madam:

STATE OF NEW YORK DEPARTMENT OF LABOR DIVISION OF SAFETY AND HEALTH

The attached is a copy of Decision, dated, 5/25/2018, which I have compared with the original filed in this office and which I DO HEREBY CERTIFY to be a correct transcript of the text of the said original.

If you are aggrieved by this decision you may appeal within 60 days from its issuance to the Industrial Board of Appeals as provided by Section 101 of the Labor Law. Your appeal should be addressed to the Industrial Board of Appeals, State Office Building Campus, Building 12, Room 116, Albany, New York, 12240 as prescribed by its Rules and Procedure, a copy of which may be obtained upon request.

WITNESS my hand and the seal of the NYS Department of Labor, at the City of Albany, on this day of 5/25/2018.

Swow Mith

Edward A. Smith, P.E. Professional Engineer 2 (Industrial)



STATE OF NEW YORK DEPARTMENT OF LABOR STATE OFFICE BUILDING CAMPUS ALBANY, NEW YORK 12240-0100

Variance Petition	
of Sienna Environmental Technologies LLC Petitioner's Agent on Behalf	File No. 18-0656 DECISION
of	Cases 1-13
Waterhill Trust Petitioner	ICR 56
in re	
Premises: Former Nike Missile Silos 601 Willardshire Road Aurora, New York 14502	
Cleanup of Friable ACM Debris and Removal of Non-Friable ACM	Intact

The Petitioner, pursuant to Section 30 of the Labor Law, having filed Petition No. 18-0656 on May 24, 2018 with the Commissioner of Labor for a variance from the provisions of Industrial Code Rule 56 as hereinafter cited on the grounds that there are practical difficulties or unnecessary hardship in carrying out the provisions of said Rule; and the Commissioner of Labor having reviewed the submission of the petitioner dated May 17, 2018; and

Upon considering the merits of the alleged practical difficulties or unnecessary hardship and upon the record herein, the Commissioner of Labor does hereby take the following actions:

ICR 56-6

Case No. 1

Case No. 2 Case No. 3 Case No. 4 Case No. 5 Case No. 6 Case No. 7 Case No. 8 Case No. 9 Case No. 10 Case No. 11	ICR 56-7.11 (e) ICR 56-7.5 ICR 56-9.1 (b, c) ICR 56-9.2 (d) ICR 56-11.2 (f) ICR 56-11.2 (f) (4) ICR 56-11.6 ICR 56-7.5 (e) ICR 56-8.9 (d)
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Case No. 12 Case No. 13	ICR 56-11.3 (d, e) ICR 56-11.8

VARIANCE GRANTED. The Petitioner's proposal for cleanup and removal of friable and non-friable as listed by the petitioner, from the subject premises in accordance with the attached 10-page stamped copy of the Petitioner's submittal, is accepted; subject to the Conditions noted below:

THE CONDITIONS

- 1. A full time independent project monitor shall be on site and responsible for oversight of the abatement contractor during all abatement activities to ensure compliance with ICR 56 and variance conditions and to ensure that no visible emissions are generated. If visible emissions are observed, work practices shall be altered according to the project monitor's recommendations.
- 2. The Project Monitor shall perform the following functions during asbestos abatement projects in addition to functions already required by ICR-56:
 - Inspection of the interior of the asbestos project work area made at least twice every work shift accompanied by the Asbestos Supervisor;
 - b. Observe and monitor the activities of the asbestos abatement contractor to determine that proper work practices are used and are in compliance with all asbestos laws and regulations;
 - c. Inform the asbestos abatement contractor of work practices that, in the Project Monitor's opinion, pose a threat to public health or the environment, and are not in compliance with ICR-56 and/or approved variances or other applicable rules and/or regulations;
 - d. Document in the Project Monitor Log observations and recommendations made to the Asbestos Supervisor based upon the interior/exterior observations of the asbestos project made by the PM.

- 3. The PM shall alert the local District Office of the NYSDOL Asbestos Control Bureau whenever, after the PM has provided recommendations to the Asbestos Supervisor, unresolved conditions remain at the asbestos project site which present a significant potential to adversely affect human health or the environment.
- 4. Usage of this variance is limited to those asbestos removals identified in this variance or as outlined in the Petitioner's proposal.

In addition to the conditions required by the above specific variances, the Petitioner shall also comply with the following general conditions:

GENERAL CONDITIONS

- 1. A copy of this DECISION and the Petitioner's proposals shall be conspicuously displayed at the entrance to the personal decontamination enclosure.
- 2. This DECISION shall apply only to the removal of asbestos-containing materials from the aforementioned areas of the subject premises.
- 3. The Petitioner shall comply with all other applicable provisions of Industrial Code Rule 56-1 through 56-12.
- 4. The NYS Department of Labor Engineering Service Unit retains full authority to interpret this variance for compliance herewith and for compliance with Labor Law Article 30. Any deviation to the conditions leading to this variance shall render this variance Null and Void pursuant to 12NYCRR 56-12.2. Any questions regarding the conditions supporting the need for this variance and/or regarding compliance hereto must be directed to the Engineering Services Unit for clarification.
- 5. This DECISION shall terminate on May 31, 2019.

Date: May 25, 2018

ROBERTA L. REARDON COMMISSIONER OF LABOR

Edward A. Smith, P.E. Professional Engineer 2 (Industrial)

By

PREPARED BY: Edward A. Smith, P.E. Professional Engineer 2 (Industrial)

REVIEWED BY: Ravi Pilar, P.E. Professional Engineer 1 (Industrial)

,180656



DEPARTMENT OF THE ARMY NEW YORK DISTRICT, CORPS OF ENGINEERS JACOB K. JAVITS FEDERAL BUILDING NEW YORK, N.Y. 10278-0090 May 23, 2018

REPLY TO ATTENTION OF

Programs and Project Management Division

New York State Department of Labor Division of Safety and Health Engineering Services Unit c/o Mr. Edward A. Smith, P.E. Building 12, Room 154 State Office Building Campus Albany, New York 12240

RE: SITE SPECIFIC VARIANCE REQUEST – FORMER NIAGARA DEFENSE BATTERY, NIKE BU 34/35, AURORA, NEW YORK [FORMERLY USED DEFENSE SITE PROJECT No. C02NY0077]

Dear Mr. Smith:

Under our Formerly Used Defense Site Program, we have initiated work on the closure of six (6) underground former missile silos at the former "launch area" property, located at 601 Willardshire Road, Aurora, New York. The property is now owned by a private party (i.e., the Waterhill Trust). In order to inspect the silo interiors prior to demolition, we opened the silos after they were previously shut tight and capped with soil; as Nike site use ended c. 1962.

Prior to demolishing the silos, we must address the conditions presented by asbestos within the silos, and underground piping discovered to contain asbestos containing materials.

Our prime contractor for the work, Tantara Corp., has engaged the services of Sienna Environmental Technologies to prepare the enclosed *Petition for An Asbestos Variance*, and Tantara will further arrange for asbestos abatement services.

We are requesting your review and approval of this *Petition*, such that we may continue the progress of our work. Thank you in advance for your consideration.

Please contact me at (917) 790-8235, should you have any questions regarding this matter.

Sincerely,

depfert

Project Manager

Encl.: Petition for Asbestos Variance

cc:

U.S. Army Corps of Engineers, New England District (Ms. Penny Reddy) U.S. Army Corps of Engineers, New York District (Mr. Joseph Salvatore) Tantara Corp. (Mr. Mark Lovejoy) Sienna Environmental Technologies, LLC (Mr. Sean Fitzgerald) Waterhill Trust

- 56-9.2(d) The presence of a sediment covered floor makes aggressive sampling infeasible.
- 56-11.2(f) Petitioner requires relief from various provisions in that disturbance is greater than 10 square feet.
- 56-11.2(f)(4) Petitioner request relief from provisions which disallow abatement of undisturbed quantities of ACM.

Exterior Work Area(s)

- 56-11.6 Petitioner requests relief from provisions which disallow mechanical removal methods.
- 56-7.5(e) Waste Decontamination System Enclosure
- 56-8.9(d) Lockable Hard Top Dumpster Cementitious Piping will be placed directly into an open top dumpster using heavy machinery.
- 56-9.2(d) Final air clearance sampling
- 56-11.3(d)(e) Glove bag and Tent Use
- 56-11.8 Abandoned Pipe/Duct/Conduit Wrap and Cut Removal Cementitious Pipe cannot be wrapped or have drop cloth placed underneath before removal.

10. Hardship Description

The Former Niagara Falls-Buffalo Defense Nike Battery BU-34/35 is located in Erie County, New York and consisted of two operational areas located on separate parcels of land separated by approximately 2 miles. This includes the former "Launch Area", which consists of underground Nike missile magazines (referred to as silos). These silos are located at 601 Willardshire Road in East Aurora, NY. The silos' floors, walls, and ceilings are constructed of reinforced concrete, built to withstand direct missile strikes, and are below grade, extending approximately sixteen feet (16') below the ground level. As part of an U.S. Army Corps of Engineers Project, the (6) six Nike Missile Silos are to be demolished.

After the recent re-opening of the sealed Nike Missile Silos #1-5, it was discovered that corrugated pipe insulation and mudded pipe fittings, which have been confirmed to be an asbestos containing materials (ACM), have deteriorated and fallen from overhead piping along the walls of each silo. Approximately 175-185 LF of corrugated pipe insulation and mudded pipe fittings remain intact in each silo. Approximately 20-25 SF of pipe insulation and fitting debris exists within each silo. The silos have been left undisturbed for years, and since last occupied the floors have accumulated roughly 3"-6" of sediment. The extent of contaminated sediment is directly beneath the piping in each silo, roughly 5' from the exterior walls. Also included in interior ACM removal is Cementitious Pegboard, Gaskets, and Wire Insulation located at the light fixtures. All interior ACM is to be removed as part of this project.

Upon investigation of the exterior of the Nike Missile Silos, buried Cementitious Piping has been confirmed to be ACM. Cementitious Piping is believed to be intact and is located approximately 4' below ground level.

11: Proposed Abatement Method:

Interior ACM Removal:

- 1. A certified full time project monitor shall be onsite for the duration of the project to ensure compliance with these methods, and ensure no visible emissions are observed.
- 2. The silo shall be vacated of uncertified personnel and the area regulated by the installation of barrier tape and signage per ICR 56-7.4.

Interior ACM Removal (Continued):

8. Work area description table

Work area designation	Exterior or interior	Work/room area dimensions	Type of ACM	Quantity of ACM	Condition of ACM	Friability of ACM	Type of containment	
Underground NIKE Missile Silos #1-5	Interior		3600 SF Each	Corrugated Pipe Insulation and Mudded Pipe Fittings	Approx. 185 LF Intact Each and typically 20-25 SF debris Each	Damaged	Friable	
			Gaskets	15 SF Each	Intact	Non- Friable		
		300 SF Each	Cementitious Pegboard	810 SF Each	Intact	Non- Friable	See Conditions Below	
		Throughout Interiors	Wire Insulation	53 Fixtures Each	Intact	Non- Friable		
Underground NIKE Missile Silos #1-6	Exterior	Below Grade	Cementitious Piping	200 LF Each	Unknown	Non- Friable		
*Underground NIKE Missile Silo #6	Interior	4000 SF	Contaminated Debris	4000 SF	Damaged	Friable	Standard ICR 56-11.5 Pending Condemnation	

*Silo #6 has not been re-opened but is believed to be structurally unsound and filled with contaminated debris and soil mixed with the friable pipe insulation. Silo #6, is assumed to contain the same types and quantities of materials as Silos #1-5. Silo #6 will be treated separately and addressed by the standard requirements of ICR 56-11.5 - Controlled Demolition with Asbestos In Place, pending P.E. or Architect condemnation letter. If Silo #6 is deemed to be structurally sound, an amendment will be submitted to include Silo #6 as part of this variance.

9. ICR 56 Relief Sought

The petitioner proposes that the work methods laid out below be accepted and requests relief from the following provisions of ICR-56:

Interior Work Area(s)

- 56-6 A disturbance exists, background sampling shall not be conducted.
- 56-7.11(e) As the space requires decontamination of floor, wall, and ceiling, plasticization shall not be required.
- 56-7.5 Personal Attached Large Project Decontamination Facilities.
- 56-9.1(b)(c) Exemption per 56-9.1(e) shall apply

- 3. In that a disturbance exists background samples shall not be collected.
- 4. An remote large project decontamination facility shall be established as close to each stairwell as possible. Decontamination facility shall be in compliance with ICR 56-7.5(d). A double airlock will be attached to each silo and will serve as a changing area for authorized personal.
- 5. Upon installation of the decontamination facility, personal protective clothing and respiratory protection shall be worn throughout the duration of the abatement project.
- Critical barriers shall be installed at all openings to the silo, including but not limited to pipe vents, hatches, and openings per ICR 56-7.11(a). All visible accumulations of ACM in the area of the critical barriers shall be cleaned as per ICR 56-7.10(c)(1) prior to installation of the barriers.
- 7. Plasticization of floor, walls, and ceiling will not take place, as they are deemed to be contaminated.
- Negative air pressure shall be established at a minimum of 8 air changes per hour. A minimum four (4) hour pre-abatement settling period per ICR 56-8.2(b) shall elapse once the negative air has been established.
- All non-porous non-asbestos items/debris within the silo shall be decontaminated and removed from the crawlspace. Porous non-asbestos items shall be properly packaged and disposed of as RACM.
- 10. All asbestos debris and damaged material shall be wetted and bagged for disposal. The top two inches (2") of sediment shall be removed within five feet (5') of furthest extent of contamination. A Project Monitor shall conduct visual inspection of the soil and debris following ASTM E1368 to determine if the minimum two inches (2") is adequate.
- 11. Glove bag removal shall then be utilized per ICR 56-8.4(a) to remove the remaining intact corrugated pipe insulation, including use of drop clothes below removal locations.
- 12. Upon completion of corrugated pipe insulation removal, remaining non-friable materials will be removed in an intact state per ICR 56-8.6. All removals shall utilize wet methods and drop cloths.
- 13. After each material type is removed an intermediate visual inspection shall take place per ICR 56-8.6(b) by the Project Supervisor and independent third-party Project Monitor.
- 14. One (1) final cleaning of contaminated non-porous surfaces shall take place per ICR 56-9.1(e). All surfaces will be HEPA vacuumed and wet wiped.
- 15. In lieu of post-abatement clearance air monitoring in compliance with ICR-56-9.2(d), the most recent daily abatement air samples collected during cleaning operations in the regulated work area, shall be used for comparison with ICR 56-4.11 clearance criteria. An additional five (5) inside work area samples shall be taken during all Phase IIC activities.
- 16. The contractor shall observe, at minimum, an eight (8) hour waiting (settling/drying) period.
- 17. After removal and cleanings are complete and a minimum drying period has elapsed, an authorized and qualified Project Monitor shall determine if the scope of work complete and if the work area is free of visible asbestos debris/residue. If the area is determined to be acceptable and the most recent daily abatement air sample results meet ICR 56-4.11 clearance criteria, the final dismantling of the site may begin.
- 18. After abatement of the asbestos and asbestos debris, all plastic sheeting and tape will be treated as contaminated material and properly disposed of asbestos waste at the end of the project.

Exterior Cementitious Pipe Removal:

- 1. The work procedures will follow requirements outlined in 56-11.5 Controlled Demolition with Asbestos in Place, except as modified by this variance.
- 2. A certified full time project monitor shall be onsite for the duration of the project to ensure compliance with these methods, and ensure no visible emissions are observed.
- 3. Asbestos abatement work area isolation methods will be established as per 56-7.4. In addition, all regulated abatement work areas, the remote decontamination unit and dumpster will be cordoned off at a distance of twenty-five feet (25') and will remain vacated except for trained and certified workers, in accordance with ICR 56-3.2.
- 4. Entry/exit of all persons and equipment shall be through one designated and secure access way within the barrier or fence, which shall provide an adequate and appropriate means of egress from the work area. An area shall be established within this access way that shall suffice as an equipment room/gross decontamination area in which all equipment and personnel will remove all gross contamination utilizing HEPA vacuums and/or wet methods. The remote personal decontamination system enclosure requirements as per ICR 56-7.5(d)(1) through (6) shall be followed.
- 5. Personal protective equipment as per ICR 56-7.6 shall be utilized by all persons within the work area.
- Excavation to expose the buried cementitious pipe will be performed by an asbestos certified operator of the mechanical equipment. Proper trench safety in accordance with OSHA 29 CFR 1926 (i.e. installation of trench boxes, trench step-back excavation, etc.) will be utilized.
- Mechanical excavation shall be used to excavate soils to within 6 inches of the buried pipe. Manual excavation methods must be used to adequately expose the pipe subject to abatement.
- 8. If possible, glovebags shall be utilized consistent with ICR 56-8.4 and OSHA 29 CFR 1926.1101, for all cuts/breaks of cementitious pipe sections in the pit/trench.
- 9. One worker shall continually wet down each pipe section during removal operations.
- 10. Once each section of pipe is extracted from the trench, a thorough cleaning of all visible pipe debris must be completed in the immediate area. Any observed pipe debris will be wetted and immediately containerized or wrapped in two layers of 6 mil, fire retardant plastic sheeting and secured air tight prior to transfer to the appropriate waste container for disposal by appropriate legal method.
- 11. Nylon slings shall be used to move pipe sections of convenient lengths.
- 12. Pipe sections shall be immediately containerized in two layers of 6 mil, fire retardant plastic sheeting, and sealed airtight. All containerized pipe sections shall then be placed in an open top asbestos waste dumpster. Asbestos waste dumpsters shall be lined with two layers of 6mil, fire retardant plastic sheeting per ICR 56-8.9(g) until transport.

Exterior Cementitious Pipe Removal (Continued)

13. Background air sampling shall not be conducted.

- 14. Daily air sampling shall be conducted for Phase IIA and Phase IIB. In addition to the requirements of ICR 56-4.9(b-c), air monitoring within the work areas shall be conducted daily during abatement and cleaning activities. Two (2) additional daily air samples shall be collected within the work areas in the immediate vicinity of potential disturbance activities. The inside work area air samples shall be collected for each entire work shift with the sample locations being distributed both upwind and downwind of the daily abatement activities.
- 15. In lieu of post-abatement clearance air monitoring in compliance with ICR-56-9.2(d), the most recent daily abatement air samples collected during cleaning operations in the regulated work area, shall be used for comparison with ICR 56-4.11 clearance criteria.
- 16. Upon completion of cementitious pipe removal, a certified Project Monitor shall perform visual inspection of the work area to determine if the area is dry and free of visible asbestos debris. If the area is determined to be acceptable and the most recent daily abatement air sample results meet ICR 56-4.11 clearance criteria, the final dismantling of the site may begin.

APPENDIX B - PROJECT SKECTHES

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