



October 13, 2017

Agency Clerk  
Office of General Counsel  
3900 Commonwealth Boulevard, MS#35  
Tallahassee, Florida 32399-3000

And

Joint Administrative Procedures Committee  
Room 600, Pepper Building  
111 W. Madison Street  
Tallahassee, Florida 32399-1400

**RE: Petition for Waiver of Rule 62-701.300  
Klean Tires Recycling, Inc.  
10010 Main Street North  
Jacksonville, Duval County, Florida**

Dear Sir or Madam:

Aerostar SES LLC (Aerostar) is working with Klean Tires Recycling, Inc. to obtain a Waste Tire Processing Facility Permit through the Florida Department of Environmental Protection (FDEP) Northeast District. Please find attached a waiver request associated with this permit. The permit application has been submitted to the FDEP Northeast District, care of Mr. Michael Bogin.

If you have any questions or require additional information, please feel free to contact me at (904) 565-2820.

Sincerely,

**Aerostar SES LLC**

A handwritten signature in blue ink, appearing to read "Paul M. Fitch", is written over the printed name.

Paul M. Fitch, P.E.  
Senior Engineer

October 20, 2017

**Petition for Waiver of Rule 62-701.300**Dept. of Environmental Protection  
Office of General Counsel

*The name, address, any e-mail address, telephone number, and any facsimile number of the petitioner, if the party is not represented by an attorney or a qualified representative;*

Name: Sameer Hanania  
Address: 10010 Mani Street North  
Jacksonville, Florida 32218  
(904) 444-9999  
[Sam\\_Hana\\_1@yahoo.com](mailto:Sam_Hana_1@yahoo.com)

*The name, address, e-mail address, telephone number, and any facsimile number of the attorney or qualified representative of the petitioner, if any;*

NA

*The applicable rule or portion of the rule;*

Rule 62-701.300(2)(b)

*The citation to the statute the rule is implementing;*

(1) General prohibition.

(2) Siting. Unless authorized by a Department permit or site certification in effect on May 27, 2001, or unless specifically authorized by another Department rule or a Department permit or site certification based upon site-specific geological, design, or operational features, no solid waste shall be stored or disposed of by being placed:

(b) Within 500 feet of an existing or approved potable water well unless storage or disposal takes place at a facility for which a complete permit application was filed or which was originally permitted before the potable water well was in existence. This prohibition shall not apply to any renewal of an existing permit that does not involve lateral expansion, nor to any vertical expansion at a permitted facility;

*The type of action requested;*

The petitioner requests a waiver from Rule 62-701.300(2)b

*The specific facts that demonstrate a substantial hardship or a violation of principles of fairness that would justify a waiver or variance for the petitioner;*

The site is zoned Heavy Industrial and has in the past been used for a variety of industrial applications. Historical aerial photographs (included as Attachment 1) show industrial activity at the facility as early as 1959. The most recent industrial activity at the facility was from 2001 through 2011 when the Douglas Asphalt Plant was in operation. During the onsite inspection, large portions of the site appeared to be surfaced with concrete.

Review of available water well data obtained from the Florida Department of Environmental Protection (FDEP), the Florida Department of Health (FDOH), and the Saint Johns River Water Management District (SJRWMD) identified three water wells within 500 feet of the site property

boundary. A map showing the wells (with Well IDs) and 500-foot radius circles is included as Attachment 2. Also included in Attachment 2 is a spreadsheet containing the available data obtained from the FDEP, the FDOH and the SJRWMD concerning these wells. Two additional wells, also shown on the map, lie just outside the 500-foot distance requirement.

The most relevant well information was obtained from the FDOH; however, the FDOH GIS site (<https://gis.flhealth.gov/ehwater/>) does not provide well permit numbers or well construction dates. From the records reviewed, the GPS information collected by the FDOH and used by the FDOH GIS site was obtained between 2000 and 2007, the same timeframe that the previous operators were engaged in asphalt production on the site..

The western and southern adjacent properties are zoned Residential Low Density (RLD-60) and contain three potable water wells within 500-feet of the site boundary, located to the south, southwest and west. In accordance with Rule 62-701.300(2)b, the petitioner is prohibited from storing solid waste (waste tires) within 500 feet of a potable water well. Over 84% of the site is within 500 feet of the western adjacent potable water well, with the remaining portion of the site (northeastern corner) unreachable without conducting operations within 500 feet of the referenced water well. The remaining two water wells are located further from the site and do not add to the prohibition. Compliance with Rule 62-701.300(2)b will result in the petitioner being unable to conduct business on the property.

***The reason why the variance or the waiver requested would serve the purposes of the underlying statute;***

The proposed shredding process is entirely mechanical, where whole tires are placed on a conveyor belt by employees and drawn into the shredding machine where cutting blades chop the tires into little pieces of rubber and a small amount of metal wire (former steel belts). The rubber pieces (shred) will then be removed from the site for use as an alternative fuel source or disposed of in an offsite landfill. A specification sheet for the Model 2400 shredder is included in Attachment 3. The metal wire will be collected and sold at market rates as scrap metal. No byproducts or waste water is produced during the shredding process.

Storm water management best management practices will be maintained. During rainfall events and after business hours, the shredded rubber and metal wire will be protected from the elements by placing a tarp over the materials. Future expansion, depending on business viability, will include construction of roofed over enclosures for the rubber shred and metal wires. Using these methods, the processed tires will be protected from rainfall and will not contribute to storm water pollution.

Storage of whole tires, when stored in accordance with Chapter 62-711 Florida Administrative Code (FAC), do not pose a health risk and are not expected to contribute to storm water pollution. A site map (included as Attachment 4) shows the property boundaries, proposed whole tire storage locations, shredder location, and the shredded rubber and metal locations.

The petitioner was provided with a copy of the “11<sup>th</sup> Groundwater Monitoring For Natural Attenuation (7<sup>th</sup> Semi-Annual Event)”, prepared by Access Environmental & Engineering, Inc., prepared for the City of Jacksonville (COJ) Environmental Resource Management Department (ERMD) Environmental Quality Division (EQD), dated September 15, 2014. Site assessment activities at the site involved the installation of groundwater monitor wells and the collection and

testing of groundwater samples collected from those monitoring wells. Groundwater elevation data was also collected at that time, and a copy of the groundwater flow elevation map for the site is included as Attachment 5. This map shows that the historical subsurface groundwater flow direction at the site is towards the south, away from the nearby western potable well.

The petitioner has demonstrated that it will suffer a substantial and unnecessary economic hardship if it is required to restrict operations to maintain a 500 foot distance from the closest water well. The petitioner understands that the rule was put in place to protect the health and welfare of Florida's citizenry; however, based on the petitioner's planned activities, it has demonstrated that granting the waiver would not be expected to pose any significant health risk to Florida taxpayers, nor is it expected to have any adverse environmental consequences.

***A statement whether the variance or waiver is permanent or temporary. If the variance or waiver is temporary, the petition shall include the dates indicating the duration of the requested variance or waiver.***

The waiver is requested to remain in permanent effect, as long as the petitioner remains in business at the facility address.

ATTACHMENT 1  
HISTORICAL AERIAL PHOTOGRAPHS

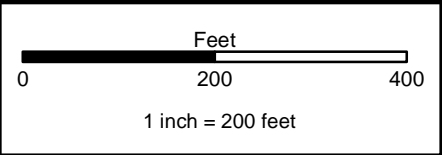




1943 AERIAL PHOTOGRAPH




KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA





**Legend**

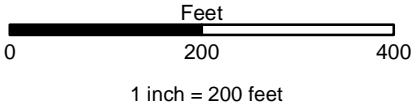
 Approximate Site Boundary



1952 AERIAL PHOTOGRAPH




KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA







## Legend

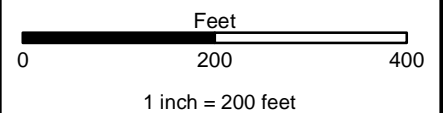
 Approximate Site Boundary



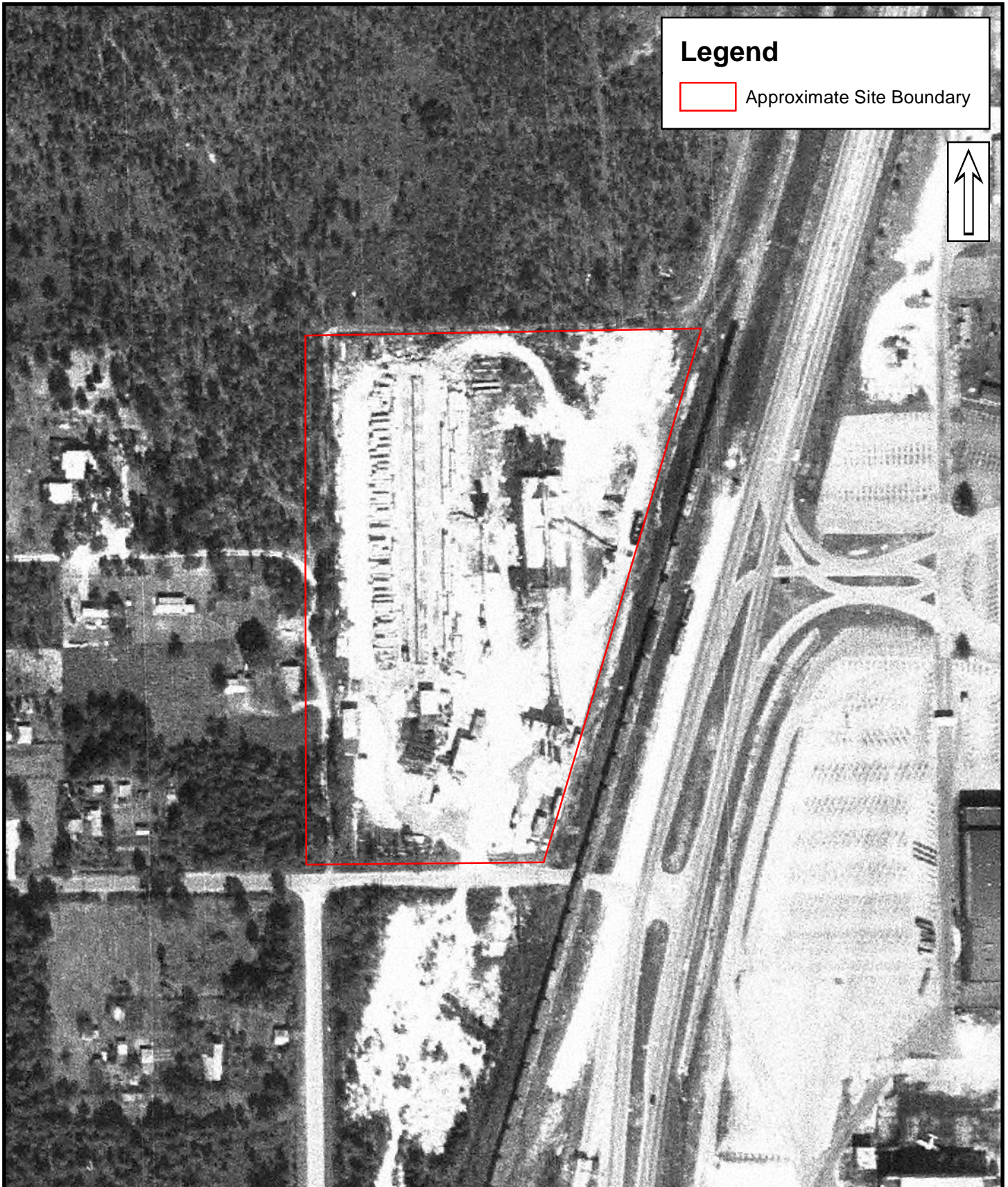
1959 AERIAL PHOTOGRAPH




KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA







## Legend


 Approximate Site Boundary



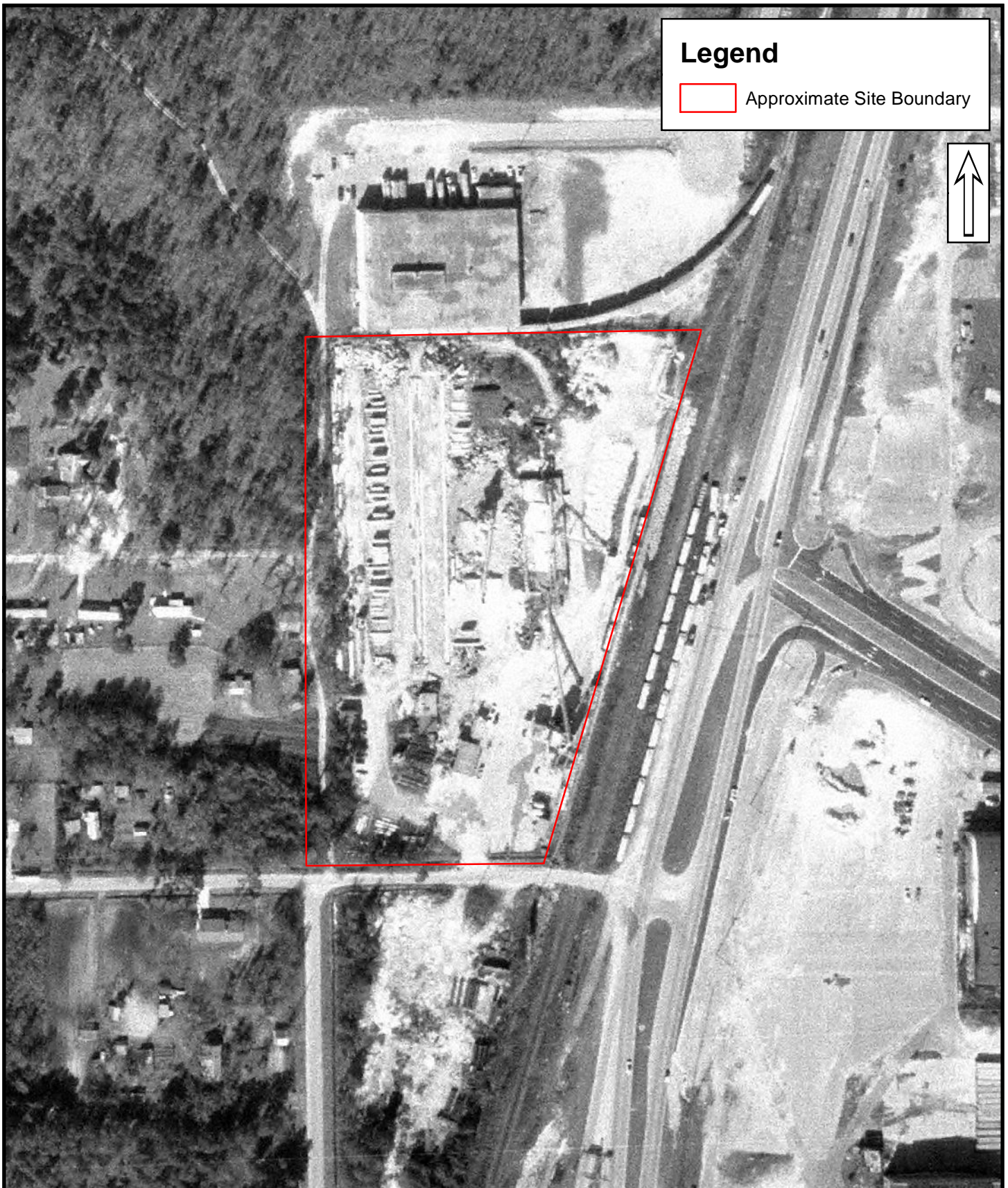
1969 AERIAL PHOTOGRAPH




KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA

Feet  
  
0 200 400  
1 inch = 200 feet





## Legend

 Approximate Site Boundary



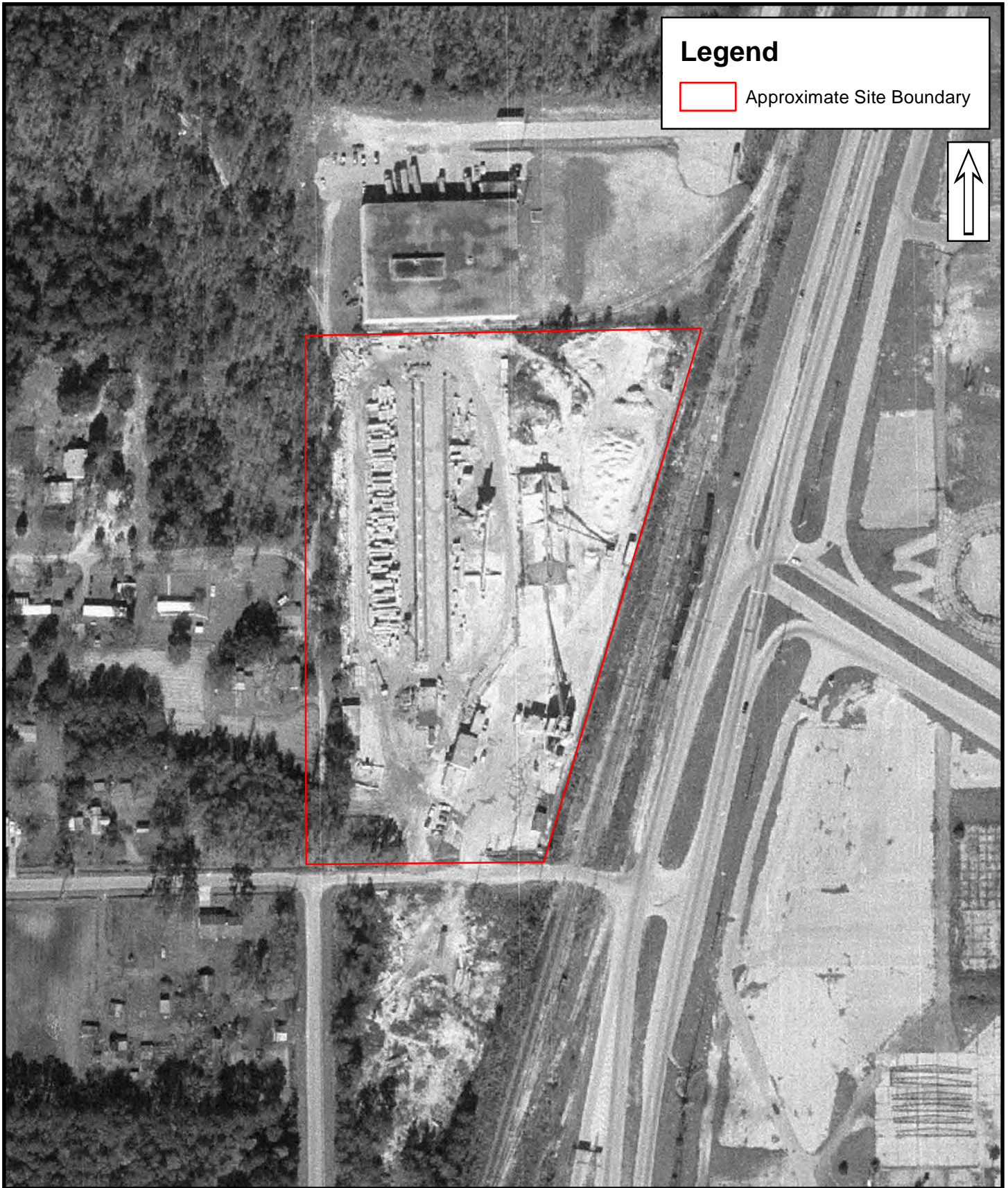
1975 AERIAL PHOTOGRAPH




KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA

Feet  
0 200 400  
1 inch = 200 feet





## Legend

 Approximate Site Boundary



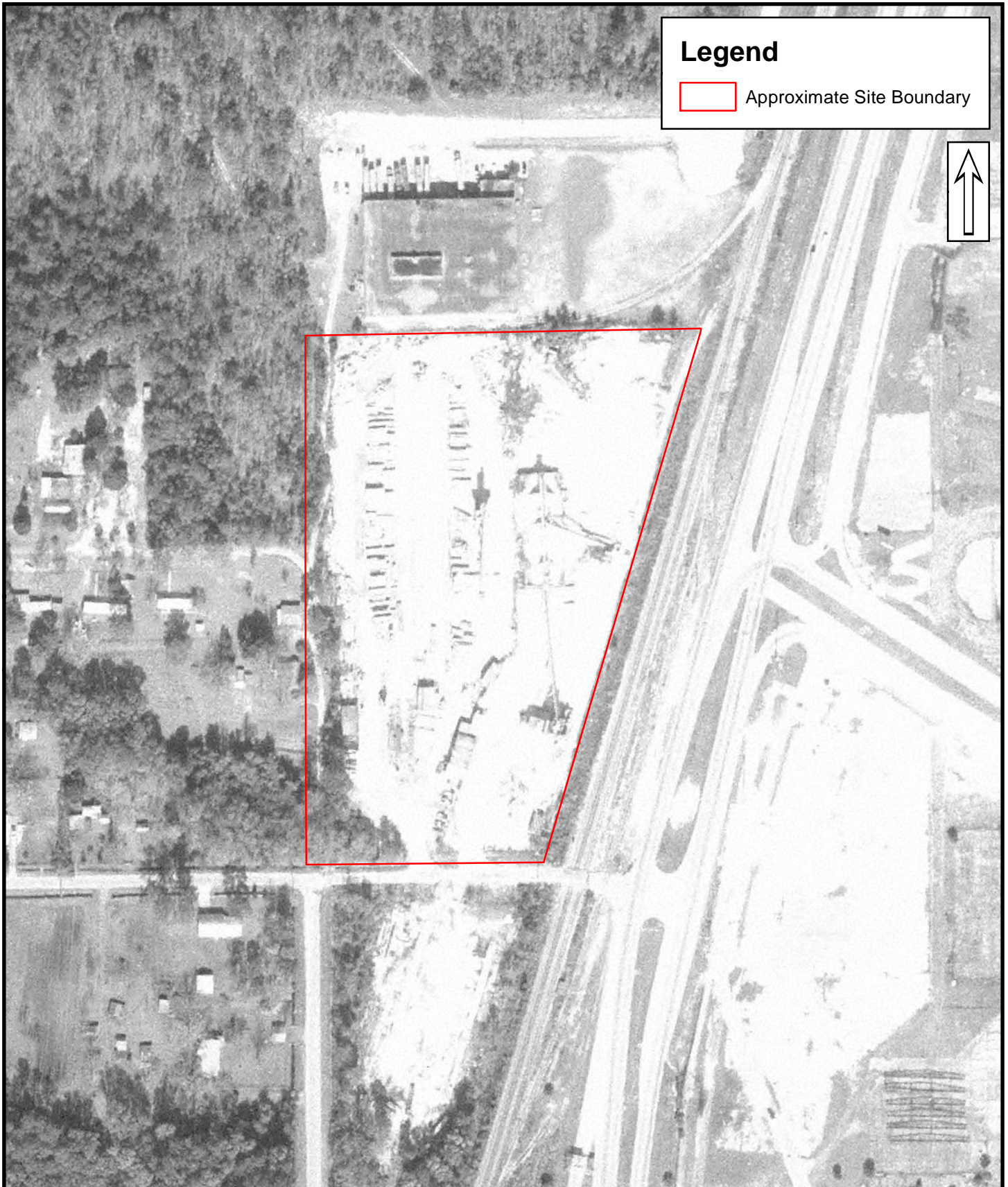
1982 AERIAL PHOTOGRAPH




KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA

Feet  
0 200 400  
1 inch = 200 feet





## Legend

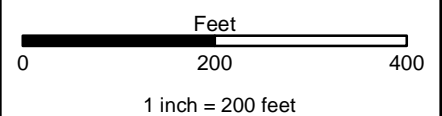
 Approximate Site Boundary



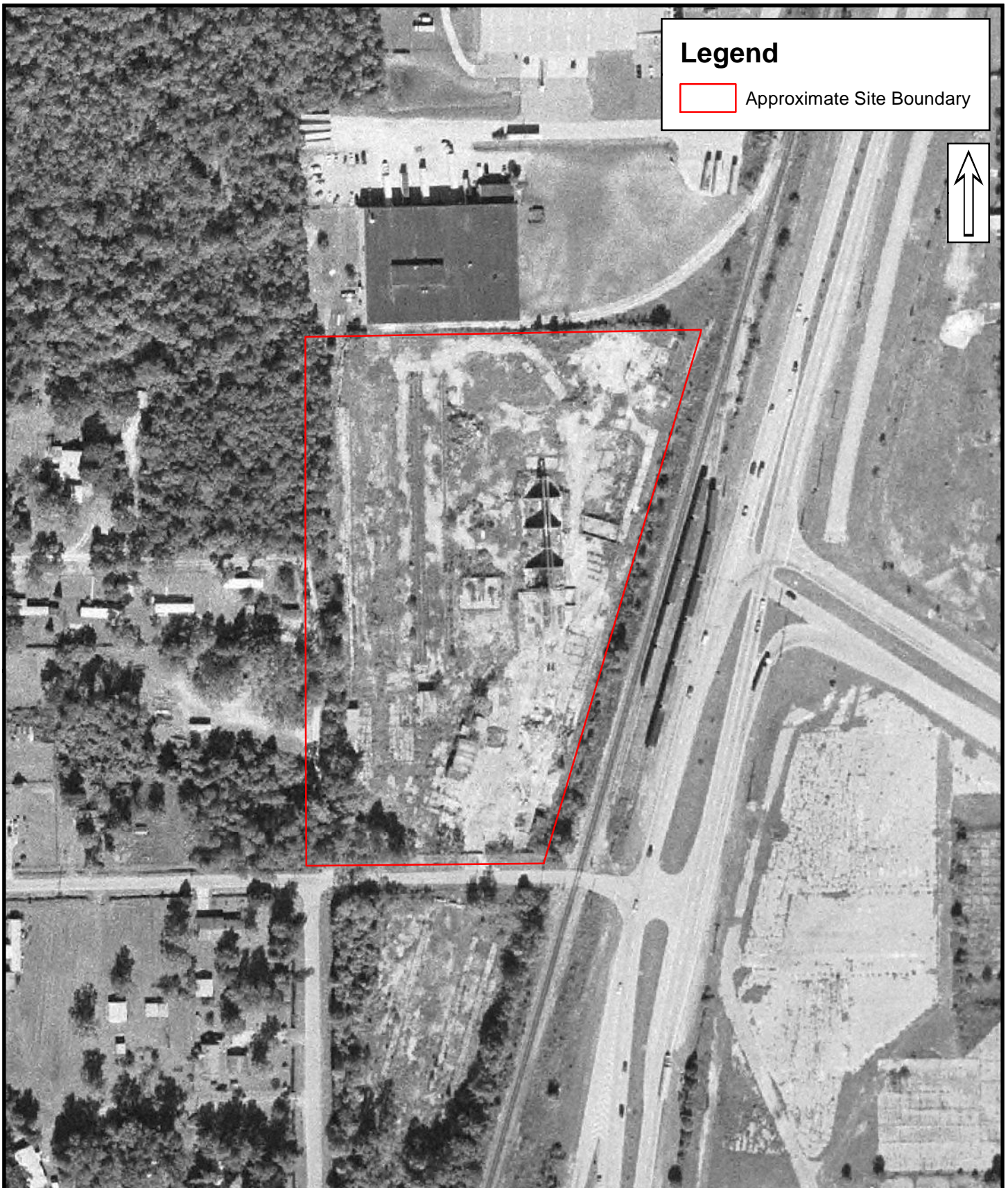
1988 AERIAL PHOTOGRAPH




KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA







## Legend


 Approximate Site Boundary



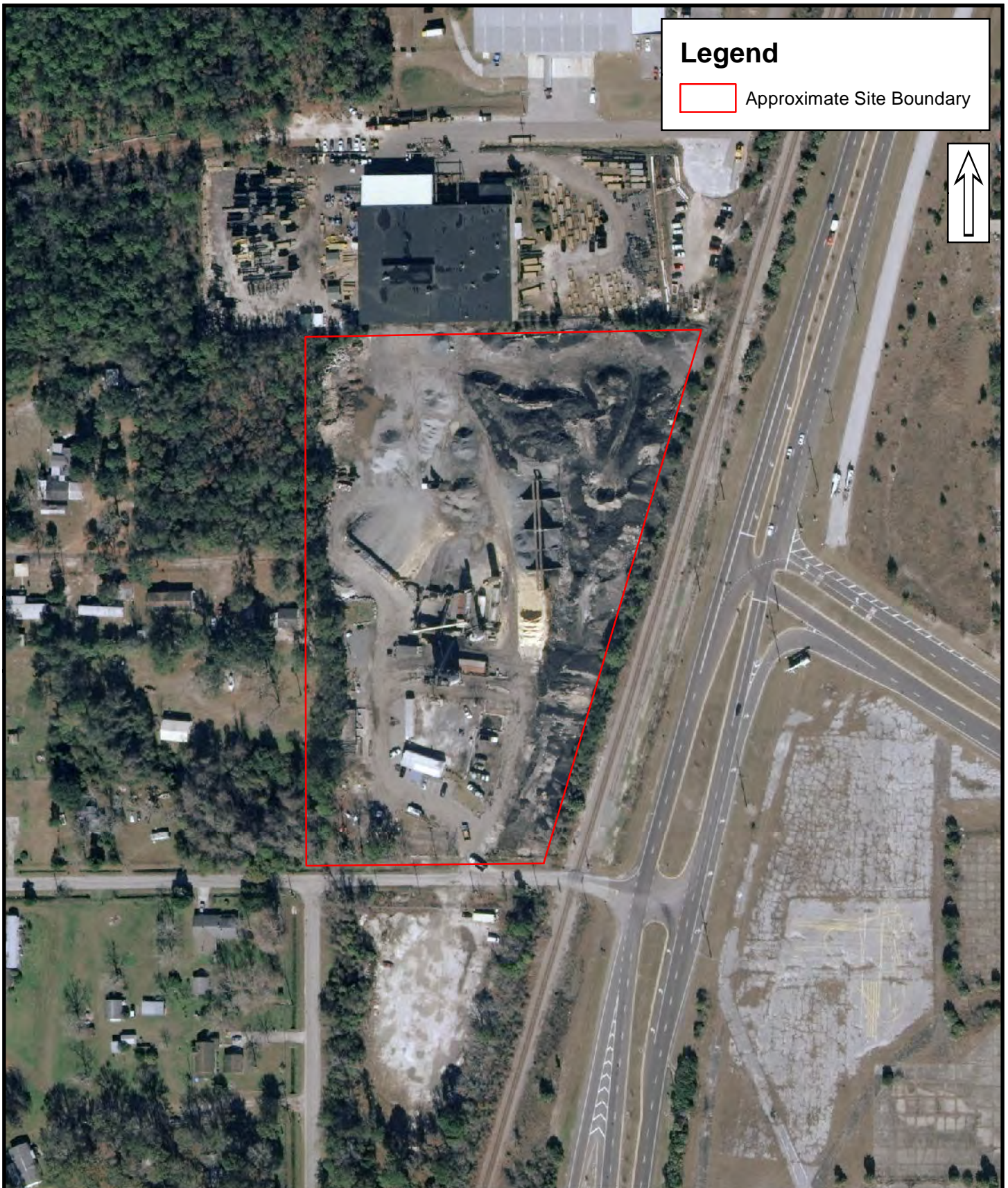
1997 AERIAL PHOTOGRAPH



KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA

Feet  
  
0 200 400  
1 inch = 200 feet





## Legend

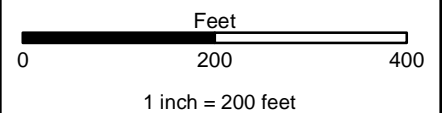
Approximate Site Boundary



2008 AERIAL PHOTOGRAPH




KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA







## Legend

 Approximate Site Boundary



2017 AERIAL PHOTOGRAPH

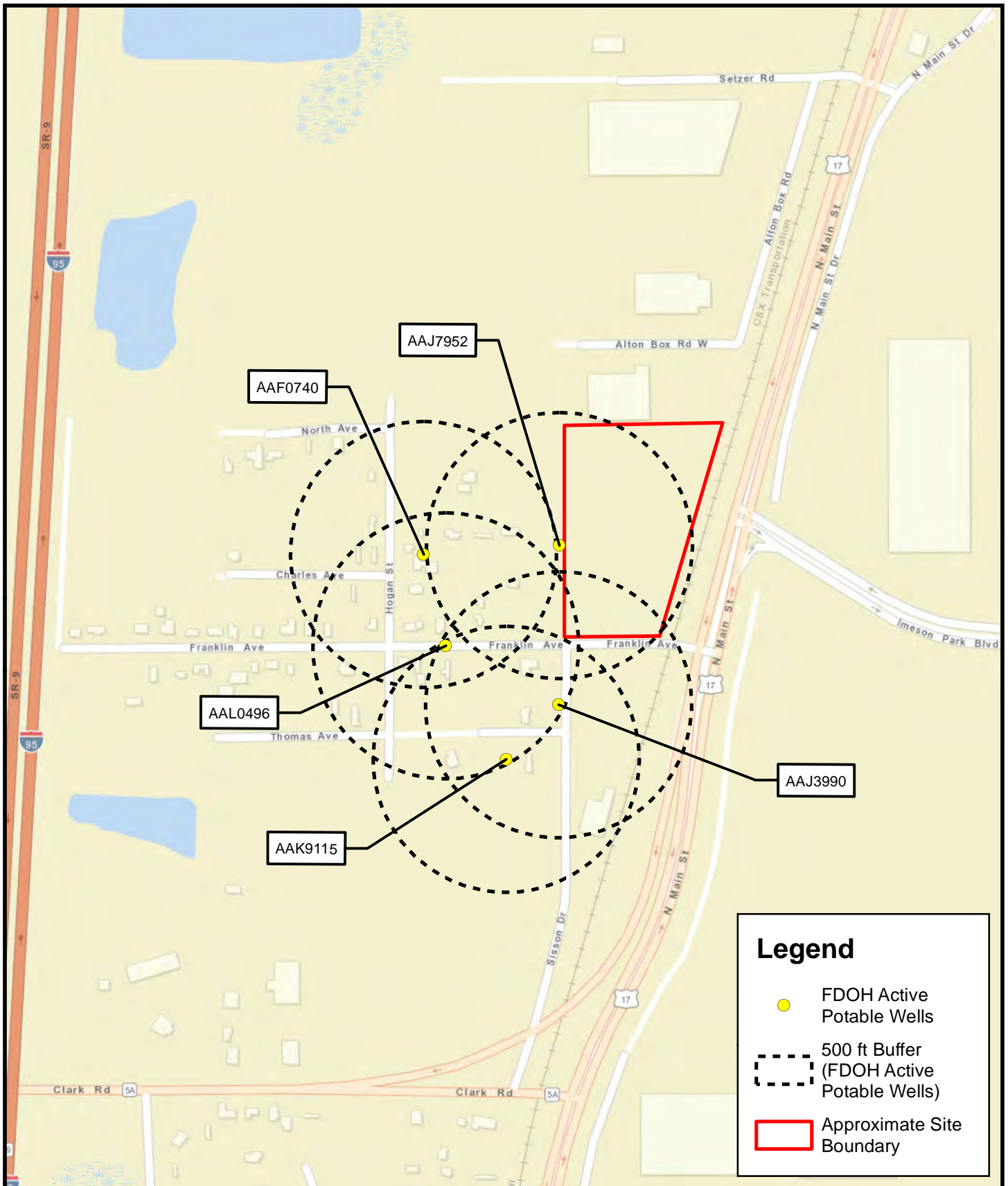


KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA

Feet  
0 200 400  
1 inch = 200 feet

ATTACHMENT 2  
NEARBY WATER WELLS



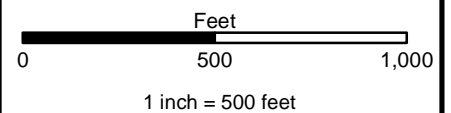


## ACTIVE POTABLE WELLS IN THE SITE VICINITY



PROJECT #: M3010.1486.0001.10  
DRAWN BY: K. ASHMAN

KLEAN TIRES RECYCLING INC.  
10010 MAIN STREET NORTH  
JACKSONVILLE, DUVAL COUNTY, FLORIDA



FLUWID	AAJ7952
WELL_TYPE	43
WELL_STATUS	ACTIVE
WELL_CASING_MATERIAL	PVC
LONGITUDE	-81.650511
LATITUDE	30.419728
WELL_DEPTH	0
WELL_CASING_LENGTH	0
WELL_CASING_DIAMETER	2
WELL_PERMIT_NUMBER	
WELL_COMMENT	NEW WELL TO REPLACE OLD WELL AAH7292
WELL_SANITARY_SEAL	Yes
WELL_BUSINESS_NAME	LEE
RESIDENT_FIRSTNAME	MARK
RESIDENT_LASTNAME	LEE
WELL_PHONE	
WELL_PHONE_EXT	
DATUM	
HAE	2.77
GPS_DATE	1/12/2006
LOCATION_METHOD	DGPS
PROJECT_ID	SUPER
INSPECTOR_FIRSTNAME	SCOTT
INSPECTOR_LASTNAME	HESTON
INSPECTOR_COUNTY	DUVAL
PROPERTY_ID	
COUNTY	DUVAL
ADDRESS	9962 SISSON DR
HOUSE_NUMBER	9962
PREDIRECTION	
PREFIX	
STREET	SISSON
SUFFIX	DR
POSTDIRECTION	
ZIPCODE	32218
CITY	JACKSONVILLE
WSRP_ID	
ACTION	
POTABLE_STATUS	POTABLE
PETROLEUM_STATUS	0
SOLVENT_STATUS	0
NITRATES	6
EDB	6
METALS	6
VOC	0

ARSENIC	6
PESTICIDES	6
HIGH_PETROLEUM	1
HIGH_SOLVENT	1
HIGH_NITRATES	0
HIGH_EDB	0
HIGH_METALS	0
HIGH_VOC	1
HIGH_ARSENIC	0
HIGH_PESTICIDES	0
SCHEDULE	FUTURE
MAXIMUM_DATE	
SCREENING_METHOD	
CATS	
UNMATCHED40	
L_SAMPLE_DATE_PETROLEUM	6/3/2013
L_SAMPLE_DATE_SOLVENT	6/3/2013
L_SAMPLE_DATE_NITRATES	
L_SAMPLE_DATE_EDB	
L_SAMPLE_DATE_METALS	
L_SAMPLE_DATE_VOC	6/3/2013
L_SAMPLE_DATE_ARSENIC	
L_SAMPLE_DATE_PESTICIDES	
LAST_JOB_NAME_PETROLEUM	DUVAL-130424-012
LAST_JOB_NAME_NITRATES	
LAST_JOB_NAME_EDB	
LAST_JOB_NAME_METALS	
LAST_JOB_NAME_ARSENIC	
LAST_JOB_NAME_PESTICIDES	
AUTONUMBER	56010
GlobalID	{00000000-0000-0000-0000-000000000000}

FLUWID	AAJ3990
WELL_TYPE	43
WELL_STATUS	ACTIVE
WELL_CASING_MATERIAL	UNKNOWN
LONGITUDE	-81.650509
LATITUDE	30.418084
WELL_DEPTH	0
WELL_CASING_LENGTH	0
WELL_CASING_DIAMETER	2
WELL_PERMIT_NUMBER	
WELL_COMMENT	
WELL_SANITARY_SEAL	No
WELL_BUSINESS_NAME	LOOS
RESIDENT_FIRSTNAME	JAMES
RESIDENT_LASTNAME	LOOS
WELL_PHONE	
WELL_PHONE_EXT	
DATUM	
HAE	1.39
GPS_DATE	11/14/2005
LOCATION_METHOD	DGPS
PROJECT_ID	SUPER
INSPECTOR_FIRSTNAME	CHRIS
INSPECTOR_LASTNAME	HUMPHREY
INSPECTOR_COUNTY	DUVAL
PROPERTY_ID	
COUNTY	DUVAL
ADDRESS	120 FRANKLIN RD
HOUSE_NUMBER	120
PREDIRECTION	
PREFIX	
STREET	FRANKLIN
SUFFIX	RD
POSTDIRECTION	
ZIPCODE	32218
CITY	JACKSONVILLE
WSRP_ID	
ACTION	
POTABLE_STATUS	POTABLE
PETROLEUM_STATUS	0
SOLVENT_STATUS	0
NITRATES	6
EDB	6
METALS	6
VOC	0
ARSENIC	6



PESTICIDES	6
HIGH_PETROLEUM	1
HIGH_SOLVENT	1
HIGH_NITRATES	0
HIGH_EDB	0
HIGH_METALS	0
HIGH_VOC	1
HIGH_ARSENIC	0
HIGH_PESTICIDES	0
SCHEDULE	FUTURE
MAXIMUM_DATE	
SCREENING_METHOD	
CATS	
UNMATCHED40	
L_SAMPLE_DATE_PETROLEUM	1/27/2014 11:00
L_SAMPLE_DATE_SOLVENT	1/27/2014 11:00
L_SAMPLE_DATE_NITRATES	
L_SAMPLE_DATE_EDB	
L_SAMPLE_DATE_METALS	
L_SAMPLE_DATE_VOC	1/27/2014 11:00
L_SAMPLE_DATE_ARSENIC	
L_SAMPLE_DATE_PESTICIDES	
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LAST_JOB_NAME_NITRATES	
LAST_JOB_NAME_EDB	
LAST_JOB_NAME_METALS	
LAST_JOB_NAME_ARSENIC	
LAST_JOB_NAME_PESTICIDES	
AUTONUMBER	86031
GlobalID	{00000000-0000- 0000-0000- 000000000000}

FLUWID	AAK9115
WELL_TYPE	43
WELL_STATUS	ACTIVE
WELL_CASING_MATERIAL	PVC
LONGITUDE	-81.65113
LATITUDE	30.417516
WELL_DEPTH	0
WELL_CASING_LENGTH	0
WELL_CASING_DIAMETER	2
WELL_PERMIT_NUMBER	
WELL_COMMENT	No available spigot outside
WELL_SANITARY_SEAL	Yes
WELL_BUSINESS_NAME	TUCKER
RESIDENT_FIRSTNAME	MS
RESIDENT_LASTNAME	TUCKER
WELL_PHONE	
WELL_PHONE_EXT	
DATUM	
HAE	7.5
GPS_DATE	4/3/2007
LOCATION_METHOD	DGPS
PROJECT_ID	SUPER
INSPECTOR_FIRSTNAME	SCOTT
INSPECTOR_LASTNAME	HESTON
INSPECTOR_COUNTY	DUVAL
PROPERTY_ID	
COUNTY	DUVAL
ADDRESS	128 THOMAS AVE
HOUSE_NUMBER	128
PREDIRECTION	
PREFIX	
STREET	THOMAS
SUFFIX	AVE
POSTDIRECTION	
ZIPCODE	32218
CITY	JACKSONVILLE
WSRP_ID	160433501
ACTION	NO ACTION AT THIS TIME
POTABLE_STATUS	POTABLE
PETROLEUM_STATUS	0
SOLVENT_STATUS	0
NITRATES	6
EDB	6
METALS	6
VOC	0



ARSENIC	6
PESTICIDES	6
HIGH_PETROLEUM	1
HIGH_SOLVENT	5
HIGH_NITRATES	0
HIGH_EDB	0
HIGH_METALS	0
HIGH_VOC	5
HIGH_ARSENIC	0
HIGH_PESTICIDES	0
SCHEDULE	FUTURE
MAXIMUM_DATE	
SCREENING_METHOD	
CATS	8005
UNMATCHED40	
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L_SAMPLE_DATE_SOLVENT	6/3/2013
L_SAMPLE_DATE_NITRATES	
L_SAMPLE_DATE_EDB	
L_SAMPLE_DATE_METALS	
L_SAMPLE_DATE_VOC	6/3/2013
L_SAMPLE_DATE_ARSENIC	
L_SAMPLE_DATE_PESTICIDES	
LAST_JOB_NAME_PETROLEUM	DUVAL-130524-008
LAST_JOB_NAME_NITRATES	
LAST_JOB_NAME_EDB	
LAST_JOB_NAME_METALS	
LAST_JOB_NAME_ARSENIC	
LAST_JOB_NAME_PESTICIDES	
AUTONUMBER	89828
GlobalID	{00000000-0000-0000-0000-000000000000}

FLUWID	AAL0496
WELL_TYPE	43
WELL_STATUS	ACTIVE
WELL_CASING_MATERIAL	GALVANIZED
LONGITUDE	-81.651859
LATITUDE	30.418685
WELL_DEPTH	0
WELL_CASING_LENGTH	0
WELL_CASING_DIAMETER	2
WELL_PERMIT_NUMBER	
WELL_COMMENT	REFUSED
WELL_SANITARY_SEAL	No
WELL_BUSINESS_NAME	BAKER
RESIDENT_FIRSTNAME	ANGIE
RESIDENT_LASTNAME	BAKER
WELL_PHONE	
WELL_PHONE_EXT	
DATUM	
HAE	10.31
GPS_DATE	4/11/2007
LOCATION_METHOD	DGPS
PROJECT_ID	SUPER
INSPECTOR_FIRSTNAME	JANELLE
INSPECTOR_LASTNAME	BOURGOIN
INSPECTOR_COUNTY	DUVAL
PROPERTY_ID	
COUNTY	DUVAL
ADDRESS	140 FRANKLIN AVE
HOUSE_NUMBER	140
PREDIRECTION	
PREFIX	
STREET	FRANKLIN
SUFFIX	AVE
POSTDIRECTION	
ZIPCODE	32218
CITY	JACKSONVILLE
WSRP_ID	
ACTION	
POTABLE_STATUS	POTABLE
PETROLEUM_STATUS	0
SOLVENT_STATUS	0
NITRATES	6
EDB	6
METALS	6
VOC	0
ARSENIC	6



PESTICIDES	6
HIGH_PETROLEUM	1
HIGH_SOLVENT	1
HIGH_NITRATES	0
HIGH_EDB	0
HIGH_METALS	0
HIGH_VOC	1
HIGH_ARSENIC	0
HIGH_PESTICIDES	0
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MAXIMUM_DATE	
SCREENING_METHOD	
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L_SAMPLE_DATE_ARSENIC	
L_SAMPLE_DATE_PESTICIDES	
LAST_JOB_NAME_PETROLEUM	JACKSON-081231-003
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LAST_JOB_NAME_EDB	
LAST_JOB_NAME_METALS	
LAST_JOB_NAME_ARSENIC	
LAST_JOB_NAME_PESTICIDES	
AUTONUMBER	61038
GlobalID	{00000000-0000-0000-0000-000000000000}

FLUWID	AAF0740
WELL_TYPE	43
WELL_STATUS	ACTIVE
WELL_CASING_MATERIAL	Galvanized
LONGITUDE	-81.65213
LATITUDE	30.419628
WELL_DEPTH	
WELL_CASING_LENGTH	
WELL_CASING_DIAMETER	2
WELL_PERMIT_NUMBER	D159
WELL_COMMENT	UNABLE TO OBTAIN SAMPLING PERMISSION
WELL_SANITARY_SEAL	Yes
WELL_BUSINESS_NAME	WALLACE
RESIDENT_FIRSTNAME	
RESIDENT_LASTNAME	
WELL_PHONE	
WELL_PHONE_EXT	
DATUM	WS1984
HAE	-48
GPS_DATE	10/23/2000 7:28
LOCATION_METHOD	DGPS
PROJECT_ID	ANDREW
INSPECTOR_FIRSTNAME	
INSPECTOR_LASTNAME	
INSPECTOR_COUNTY	
PROPERTY_ID	
COUNTY	DUVAL
ADDRESS	10005 HOGAN ST
HOUSE_NUMBER	10005
PREDIRECTION	
PREFIX	
STREET	HOGAN
SUFFIX	ST
POSTDIRECTION	
ZIPCODE	32218
CITY	JACKSONVILLE
WSRP_ID	160179201
ACTION	UNFILTERED
POTABLE_STATUS	POTABLE
PETROLEUM_STATUS	6
SOLVENT_STATUS	6
NITRATES	6
EDB	6
METALS	6



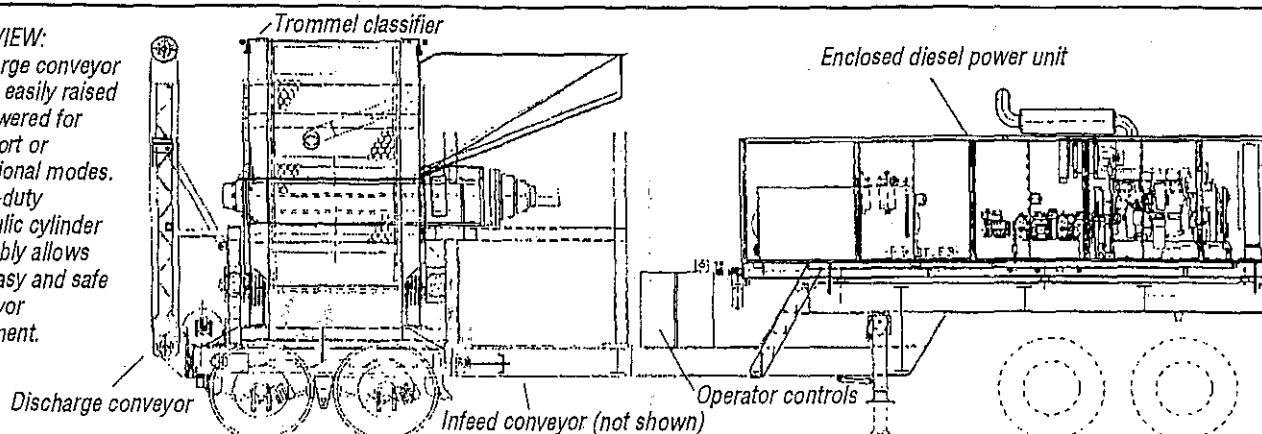
VOC	6
ARSENIC	6
PESTICIDES	6
HIGH_PETROLEUM	0
HIGH_SOLVENT	0
HIGH_NITRATES	0
HIGH_EDB	0
HIGH_METALS	0
HIGH_VOC	0
HIGH_ARSENIC	0
HIGH_PESTICIDES	0
SCHEDULE	FUTURE
MAXIMUM_DATE	
SCREENING_METHOD	
CATS	
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L_SAMPLE_DATE_SOLVENT	
L_SAMPLE_DATE_NITRATES	
L_SAMPLE_DATE_EDB	
L_SAMPLE_DATE_METALS	
L_SAMPLE_DATE_VOC	
L_SAMPLE_DATE_ARSENIC	
L_SAMPLE_DATE_PESTICIDES	
LAST_JOB_NAME_PETROLEUM	
LAST_JOB_NAME_NITRATES	
LAST_JOB_NAME_EDB	
LAST_JOB_NAME_METALS	
LAST_JOB_NAME_ARSENIC	
LAST_JOB_NAME_PESTICIDES	
AUTONUMBER	33508
GlobalID	{00000000-0000-0000-0000-000000000000}

ATTACHMENT 3  
TIRE SHREDDER SPEC SHEET



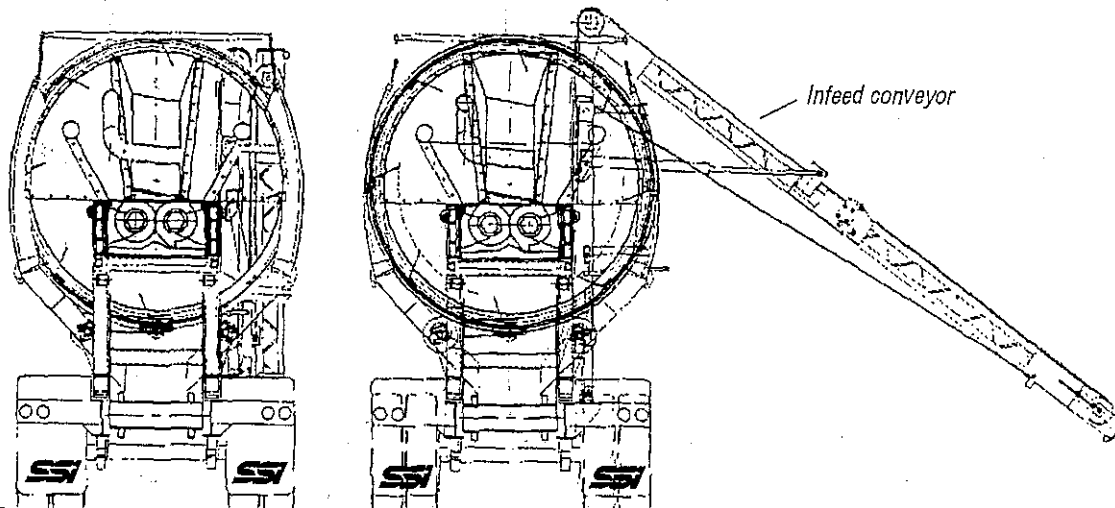
# SSI TDF TROMMEL SYSTEMS

**SIDE VIEW:**  
Discharge conveyor can be easily raised and lowered for transport or operational modes. Heavy-duty hydraulic cylinder assembly allows fast, easy and safe conveyor placement.



**END VIEW:**  
Infeed conveyor in transport mode.

(far right)  
Infeed conveyor in operational mode. Utilizes hydraulic cylinder and winch folding system.



## FEATURES

- SSI's TDF Trommel unit with integrated infeed and discharge conveyors as well as self-cleaning trommel screen
- Purpose-built trailer (design and size varies with shredder model)
- Integrated power unit
- Weather-resistant lockable engine enclosure (to reduce noise and protect against tampering)

## SSI CUSTOMER SERVICE

- Cost-competitive replacement parts and service keep your profits up and costs down
- On-time delivery and on-line reliability maximize your productivity
- Experienced service technicians help optimize shredder performance for each operation
- Engineers with proven experience design shredder configurations to fit your requirements
- Replacement parts and service for all major shredder lines
- 24-hour technical support

## SPECIFICATIONS

	Model M85	Model 2400	Model 3200
Horsepower	150 HP	200 HP	300 HP
	112 Kw	150 Kw	225 Kw
Cutting Chamber	63"x33"	60"x40"	60"x45"
	1.6m x .85m	1.5m x 1.0m	1.5m x 1.1m

## PRODUCTION RATE PER HOUR (1" or 2" Nominal Chip)

	Model M85	Model 2400	Model 3200
Passenger/Truck Tire Mix 1"	1-2 Tons	3-4 Tons	4-5 Tons
2"	3-4 Tons	4-5 Tons	7-8 Tons
Passenger Tire Only 1"	3-4 Tons	4-5 Tons	5-6 Tons
2"	6-7 Tons	7-8 Tons	8-10 Tons

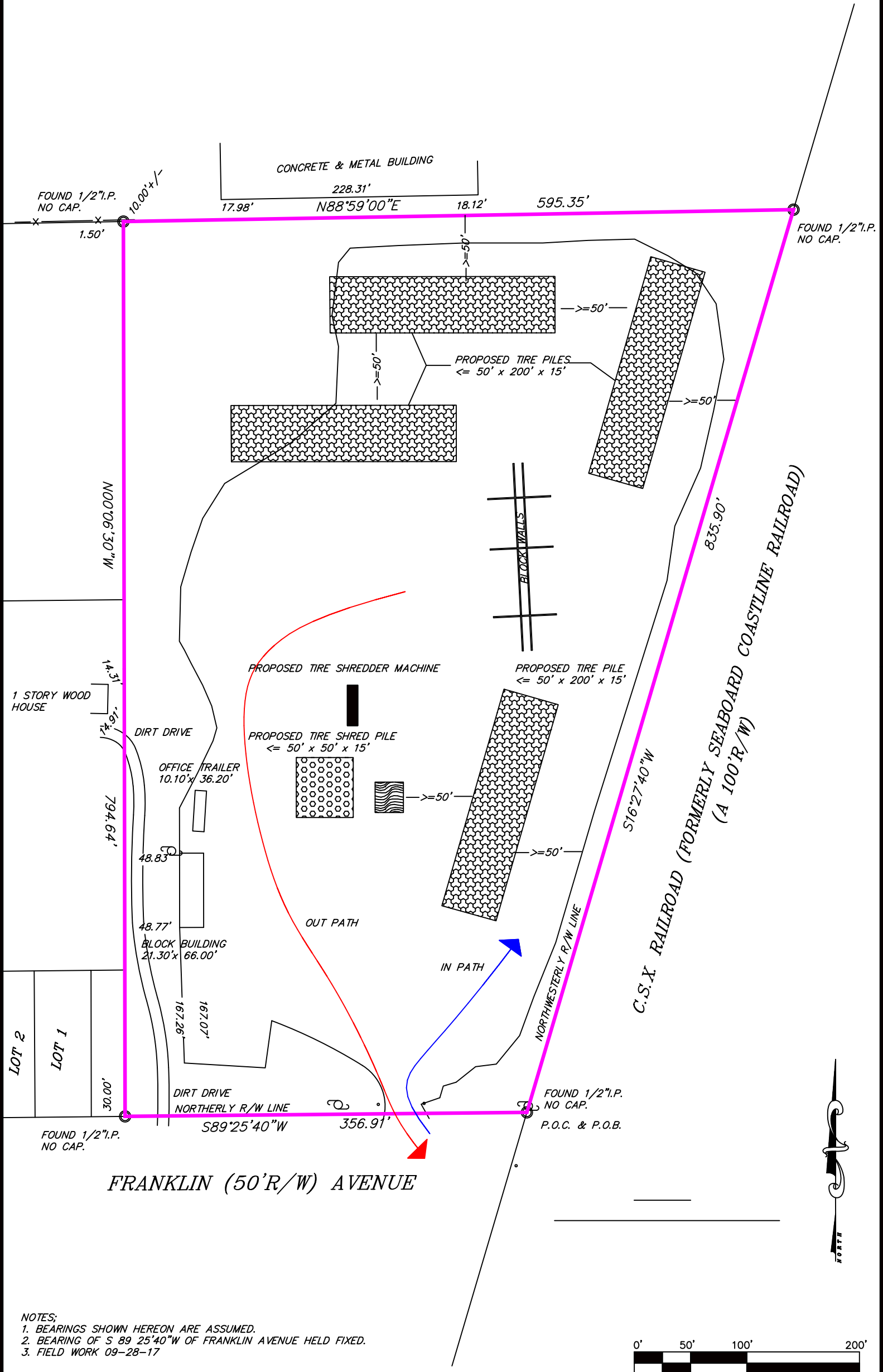
Stated throughputs are estimates only.

**SSI Shredding Systems, Inc.**

9760 SW Freeman Drive Wilsonville, OR 97070-9286 USA Phone: 503-682-3633 Fax: 503-682-1704

ATTACHMENT 4  
SITE PLAN





NOTES;  
1. BEARINGS SHOWN HEREON ARE ASSUMED.  
2. BEARING OF S 89 25'40"W OF FRANKLIN AVENUE HELD FIXED.  
3. FIELD WORK 09-28-17

ATTACHMENT 5  
HISTORICAL GROUNDWATER FLOW DIRECTION

# PROPERTY BOUNDARY

## LEGEND

- SOIL BORING
- RE-INSTALLED PERMANENT MONITORING WELL
- PHASE II ESA TEMPORARY MONITORING WELL
- IMPACTED SOIL DELINEATION
- TEST PIT LOCATION
- CROSS-SECTION A-A'
- SS-1 SOIL SCREENING LOCATION
- S-1 ANALYTICAL SOIL SAMPLE LOCATION
- EXCAVATED MATERIAL SOIL SCREENING LOCATION
- ADDITIONAL SOIL ASSESSMENT SOIL BORING
- ADDITIONAL NAMP PERMANENT MONITORING WELL

MW-12

Western Plume

EXTENTS OF EXCAVATION

UNPAVED PARKING

CONCRETE

CONCRETE

FORMER 150-GALLON  
HEATING OIL UST

TRAILER 2

FORMER WORKSHOP

CONCRETE

Eastern Plume

EXTENTS OF EXCAVATION

GRAPHIC SCALE



MW-12  
NA

MW-13  
NA

NA  
MW-14



ACCESS ENVIRONMENTAL  
& ENGINEERING, INC.

11250 Old St. Augustine Road  
Suite 15321  
Jacksonville, Florida 32257

FORMER FLORIDA ROCK SITE

SCALE: 1" = 50'

CHECKED BY: EGL

DATE: 9/3/14

PROJECT #: 01-1065-05

FIG NO. 3

Groundwater Flow Map