



**Harris County Public Infrastructure Department –
Architecture and Engineering Division**

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
CHECK LIST**

Job Name: _____

Location: _____

Project No. _____

Prepared by: _____ Date: _____

Checked by: _____ Date: _____

Draft for Review

1. SITE SETTING

1.1 PHYSICAL SETTING

PHYSICAL SETTING INFORMATION FOR SITE AND SURROUNDING AREA		SOURCE
Topography		
<i>Site Elevation</i>		
<i>Surface Runoff/ Topographic Gradient</i>		
<i>Closest Surface Water</i>		
Soil Characteristics		
<i>Soil Type:</i>		
<i>Description:</i>		
Geology/Hydrogeology		
<i>Formation:</i>		
<i>Description:</i>		
<i>Estimated Depth to First Occurrence of Ground water:</i>		
<i>*Hydrogeologic Gradient: (If known)</i>		
Site Water Source		

*The ground water flow direction and the depth to shallow, unconfined ground water, if present would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site ground water monitoring wells surveyed to a datum, ground water depth and flow direction beneath the site cannot be ascertained.

1.2 GENERAL DESCRIPTION**General Site Information**

Site Reconnaissance				
<i>Field Personnel</i>				
<i>Reconnaissance Date</i>				
<i>Weather</i>				
<i>Site Contact/Title</i>				
Site Description				
<i>Site Name</i>				
<i>Site Location/Address</i>				
<i>Adjoining Streets</i>				
<i>Land Area</i>				
Land Area Description				
No. of Buildings		Year Constructed	Approx. Square Footage	No. of Floors
<i>Other Site Improvements</i>				
<i>Site Topographic Relief</i>				

1.3 CURRENT SITE USE

Those entries below designated by an "X" indicate that the Item or Feature was observed during the site visit. These will be discussed in more detail in the report. If no "X" designation appears below, then the Item or Feature was not observed on the date of the site visit.

Site Characteristics

Category	Item or Feature	Item or Feature Observed
Site Operations, Processes, and Equipment	Emergency generators	
	Elevators	
	Air compressors	
	Hydraulic equipment	

Appendix A – Phase I Environmental Site Assessment Checklist

Job Number:

Date:

Category	Item or Feature	Item or Feature Observed
Aboveground Chemical or Waste Storage	Evidence of aboveground storage tanks	
	Drums, barrels and/or containers ≥ 5 gallons	
	Cleaning and/or similar supplies	
Underground Chemical or Waste Storage, Drainage or Collection Systems	Evidence of underground storage tanks or ancillary UST equipment	
	Sumps, cisterns, catch basins and/or dry wells	
	Grease traps	
	Septic tanks and/or leach fields	
	Oil/water separators	
	Pipeline markers	
	Interior floor drains	
Electrical Transformers/ PCBs	Pad or pole-mounted transformers and/or capacitors	
Evidence of Releases or Potential Releases	Stressed vegetation	
	Stained soil	
	Stained pavement or similar surface	
	Leachate and/or waste seeps	
	Trash, debris and/or other waste materials	
	Dumping or disposal areas	
	Construction/demolition debris and/or dumped fill dirt	
	Surface water discoloration, odor, sheen, and/or free floating product	
	Strong, pungent or noxious odors	
	Exterior pipe discharges and/or other effluent discharges	
	Laboratory hoods and/or Incinerators	
	Waste treatment systems and/or water treatment systems	
	Compressor blowdown	
Other Notable Site Features	Surface water bodies	
	Quarries or pits	
	Other	

1.4 PAST SITE USE

1.5 CURRENT SURROUNDING LAND USE

Visual observations of adjoining/surrounding properties (from site boundaries and readily accessible public areas) are summarized below.

Adjoining/Surrounding Properties

Direction	Description
North	
East	
South	
West	

Sketch site plan and surrounding area

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2. REGULATORY INFORMATION

Federal and State Databases

Database	Radius (Miles)	No. of Facilities Identified
Federal		
NPL	1.0	
Delisted NPL	0.5	
CERCLIS/NFRAP	0.5	
CORRACTS	1.0	
RCRIS-TSD	0.5	
RCRIS Generators	Site/ Adjacent	
IC/EC	Site	
ERNS	Site	
State/Tribal		
TXSF	1.0	
VCP	0.5	
SWF	0.5	
LPST	0.5	
PST	Site/ Adjacent	
SPIILLS	Site	
IOP	0.5	
IHW	0.1	
DCR	0.25	

Listed Facilities

Facility Name and Location	Estimated Distance/Direction/Topographic Position	Database Listings

INTERVIEWS

Interviewee: Name: _____
Organization/Title _____
Years associated with the site _____
Site Information: _____

Interviewee: Name: _____
Organization/Title _____
Years associated with the site _____
Site Information: _____

Interviewee: Name: _____
Organization/Title _____
Years associated with the site _____
Site Information: _____

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Photo Log

Photo #	Description	Photo #	Description
1		17	
2		18	
3		19	
4		20	
5		21	
6		22	
7		23	
8		24	
9		25	
10		26	
11		27	
12		28	
13		29	
14		28	
15		30	
16		31	

USGS Topographic Review

Source, ID #, Date	Description
	Site North East South West Other
	Site North East South West Other

Source, ID #, Date	Description
	Site North East South West Other
	Site North East South West Other

Sanborn Fire Insurance Map Review

Date	Description
	Site North East South West Other
	Site North East South West Other

Date	Description
	Site North East South West Other
	Site North East South West Other

Aerial Photograph Review

Source, ID #, Date	Description
	Site North East South West Other
	Site North East South West Other

Source, ID #, Date	Description
	Site North East South West Other
	Site North East South West Other

Source, ID #, Date	Description
	Site North East South West Other
	Site North East South West Other

