Maintenance Plan and Photograph (Attachment D)
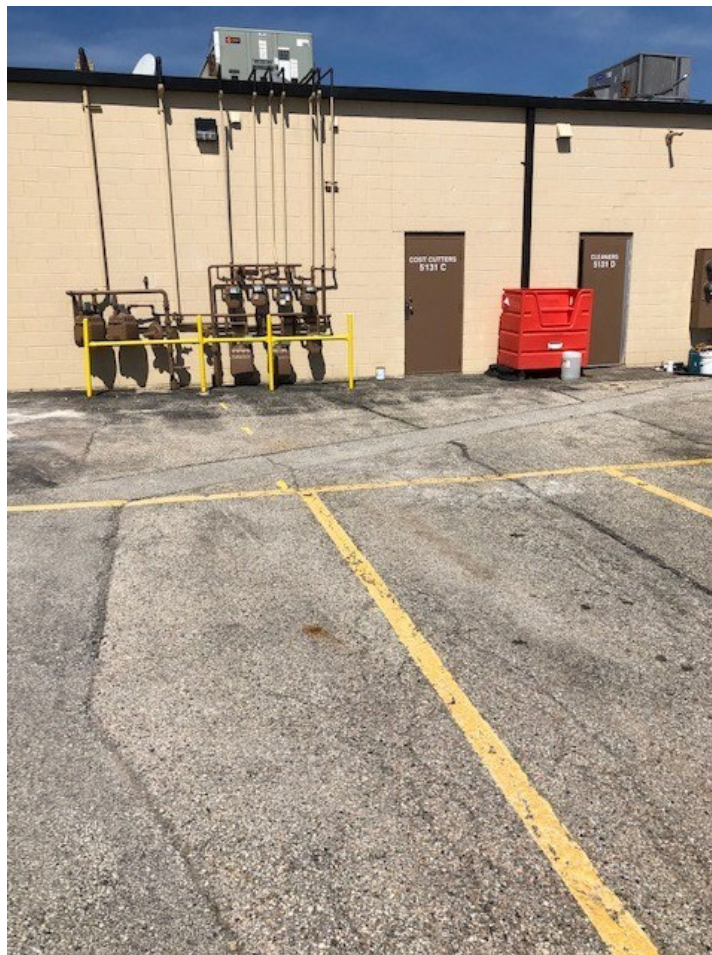
    D.1 Description of maintenance actions
    D.2 Location Map
    D.3 Photograph
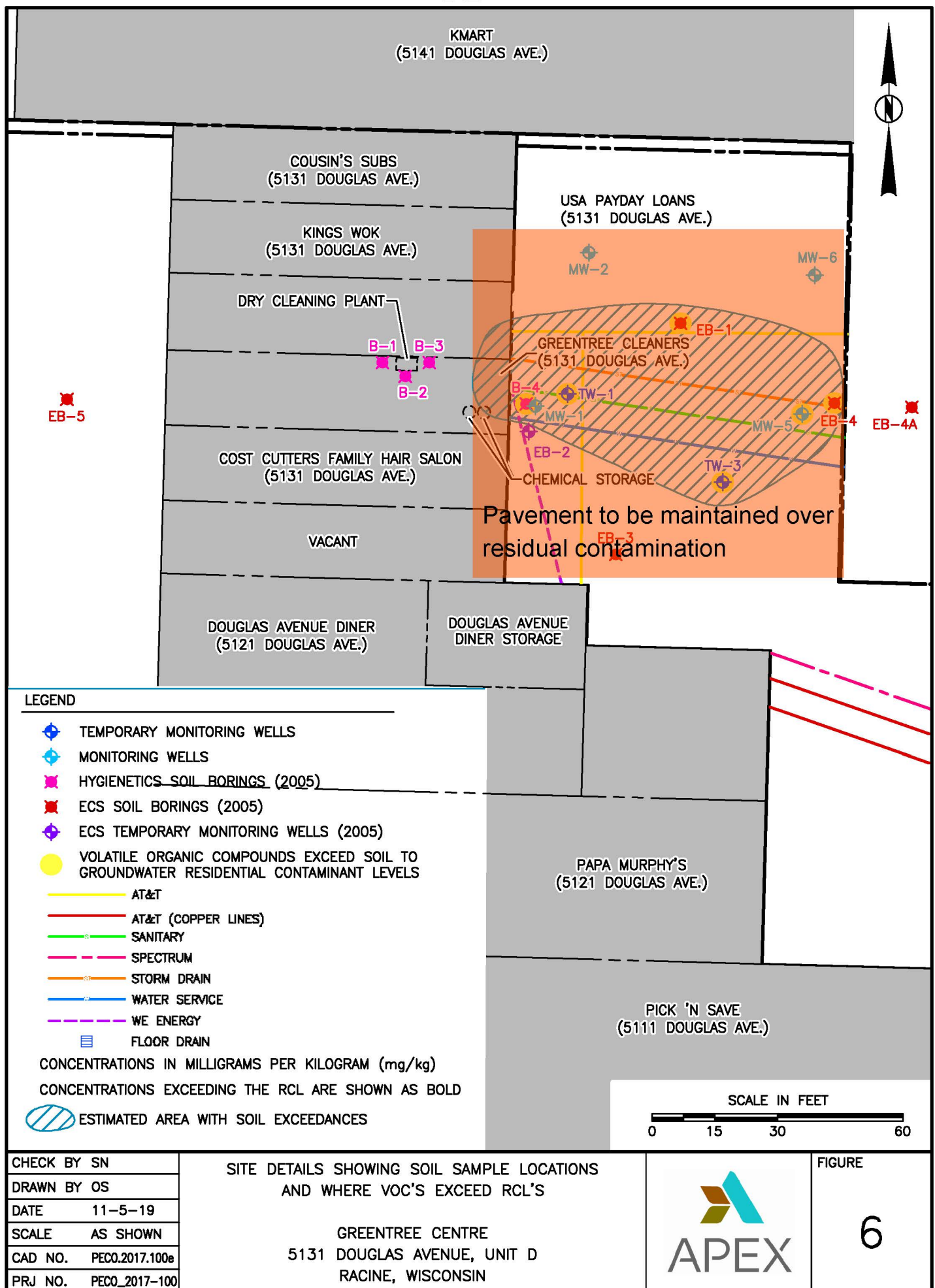   **D.4** Inspection Log

D.1

Some residual soil and groundwater impacts exist east of the building beneath an asphalt parking lot post remediation.   The asphalt will be maintained over the impacted area to prevent infiltration of rainwater.   Some of the soil impacts consist of petroleum constituents (benzene and naphthalene) that is unrelated to the dry cleaner operations.   One boring B-4, located just east of the back door of the dry cleaner had detections of tetrachloroethene and trichloroethene from 2-4 feet bgs that exceeds the RCLs for Soil to Groundwater. The exceedances of soil RCLs beneath the building were remediated by the SVE (see C.1).

Chlorinated solvent compounds were detected in groundwater in exceedance of the Enforcement Standards. As previously indicated, the groundwater impacts appear to be stable and have not migrated off-site. The area of groundwater impacts will also be maintained under asphalt paved parking lot.

The pavement will be inspected annually to determine if the pavement has been compromised and no longer serves as a barrier to prevent infiltration of rainwater. The annual inspection of the pavement will be provided to the DNR for their files. If repairs are required for the effectiveness of the pavement, Apex will document such repairs and provide to the DNR upon completion.

Asphalt Pavement to be maintained over residual contamination east of the building

KMART
(5141 DOUGLAS AVE.)

N

COUSIN'S SUBS
(5131 DOUGLAS AVE.)

USA PAYDAY LOANS
(5131 DOUGLAS AVE.)

KINGS WOK
(5131 DOUGLAS AVE.)

MW−2

MW−6

DRY CLEANING PLANT

EB−1

B−1 B−3

GREENTREE CLEANERS
(5131 DOUGLAS AVE.)

B−2

B−4 TW−1

EB−5

MW−1

MW−5 EB−4 EB−4A

EB−2

TW−3

COST CUTTERS FAMILY HAIR SALON
(5131 DOUGLAS AVE.)

CHEMICAL STORAGE

Pavement to be maintained over
residual contamination

VACANT

EB−3

DOUGLAS AVENUE DINER
(5121 DOUGLAS AVE.)

DOUGLAS AVENUE
DINER STORAGE

LEGEND

⬥ TEMPORARY MONITORING WELLS

⬥ MONITORING WELLS

✳ HYGIENETICS SOIL BORINGS (2005)

✳ ECS SOIL BORINGS (2005)

⬥ ECS TEMPORARY MONITORING WELLS (2005)

● VOLATILE ORGANIC COMPOUNDS EXCEED SOIL TO
GROUNDWATER RESIDENTIAL CONTAMINANT LEVELS

—— AT&T

—— AT&T (COPPER LINES)

—— SANITARY

—·— SPECTRUM

—— STORM DRAIN

—— WATER SERVICE

– – – WE ENERGY

▤ FLOOR DRAIN

CONCENTRATIONS IN MILLIGRAMS PER KILOGRAM (mg/kg)

CONCENTRATIONS EXCEEDING THE RCL ARE SHOWN AS BOLD

▨ ESTIMATED AREA WITH SOIL EXCEEDANCES

PAPA MURPHY'S
(5121 DOUGLAS AVE.)

PICK 'N SAVE
(5111 DOUGLAS AVE.)

SCALE IN FEET

0   15   30   60

CHECK BY	SN	SITE DETAILS SHOWING SOIL SAMPLE LOCATIONS AND WHERE VOC'S EXCEED RCL'S	FIGURE
DRAWN BY	OS		
DATE	11−5−19		6
SCALE	AS SHOWN	GREENTREE CENTRE	
CAD NO.	PECO.2017.100e	5131 DOUGLAS AVENUE, UNIT D	
PRJ NO.	PECO_2017−100	RACINE, WISCONSIN	

APEX

D.3

Asphalt pavement to be maintained over residual contamination east of the building.

Save... | Print... | Clear Data | Submit by Email

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Continuing Obligations Inspection and Maintenance Log
Form 4400-305 (2/14)
Page 1 of 2

Directions: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain continuing obligations is required. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.]. When using this form, identify the condition that is being inspected. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. Do NOT delete previous inspection results. This form was developed to provide a continuous history of site inspection results. The Department of Natural Resources project manager is identified in the closure letter. The project manager may also be identified from the database, BRRTS on the Web, at http://dnr.wi.gov/botw/SetUpBasicSearchForm.do, by searching for the site using the BRRTS ID number, and then looking in the "Who" section.

Activity (Site) Name	BRRTS No.
Greentree Cleaners	02-52-579863

Inspections are required to be conducted (see closure approval letter):

(●) annually
( ) semi-annually
( ) other – specify _____

When submittal of this form is required, submit the form electronically to the DNR project manager. An electronic version of this filled out form, or a scanned version may be sent to the following email address (see closure approval letter):

Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or maintenance	Previous recommendations implemented?	Photographs taken and attached?
		☐ monitoring well ☒ cover/barrier ☐ vapor mitigation system ☐ other:			( ) Y ( ) N	( ) Y ( ) N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			( ) Y ( ) N	( ) Y ( ) N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			( ) Y ( ) N	( ) Y ( ) N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			( ) Y ( ) N	( ) Y ( ) N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			( ) Y ( ) N	( ) Y ( ) N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			( ) Y ( ) N	( ) Y ( ) N

Add Row

Save...

02-52-579863   Greentree Cleaners

BRRTS No.   Activity (Site) Name

Continuing Obligations Inspection and Maintenance Log

Form 4400-305 (2/14)

{Click to Add/Edit Image}   Date added: X

Title:

{Click to Add/Edit Image}   Date added: X

Title:

Add Image

Save...