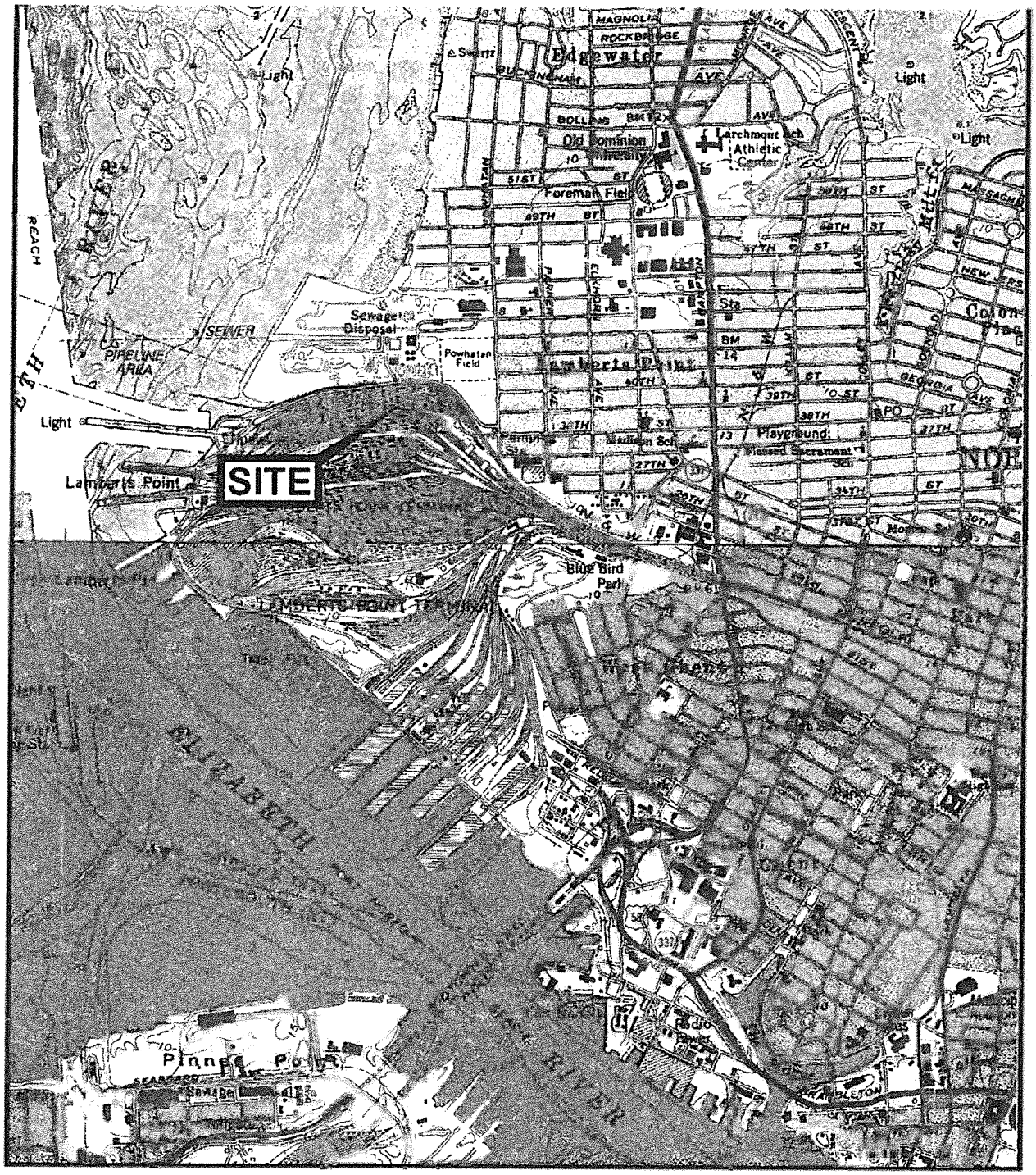

CENTRAL PORTIONS OF USGS 7.5' NORFOLK NORTH AND NORFOLK SOUTH, VA QUADRANGLES

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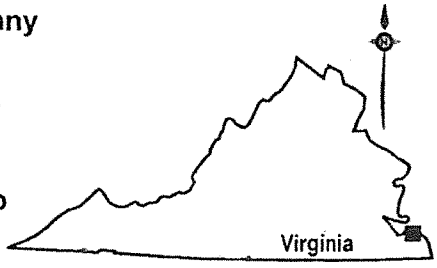
Norfolk Southern Railway Company
Lambert's Point Terminal

2,000' 0 2,000'

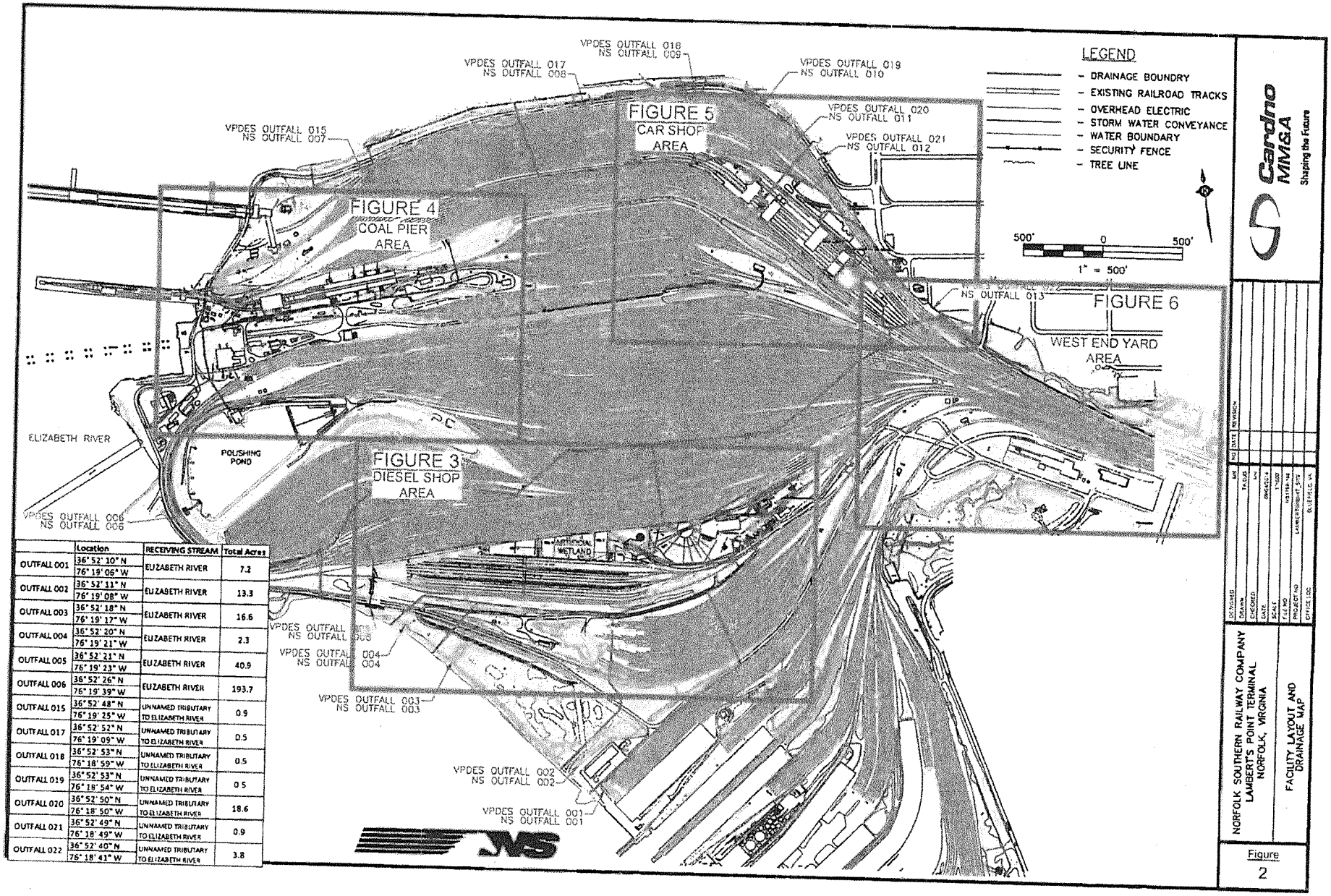
SCALE 1:24,000

Topographic Site Location Map

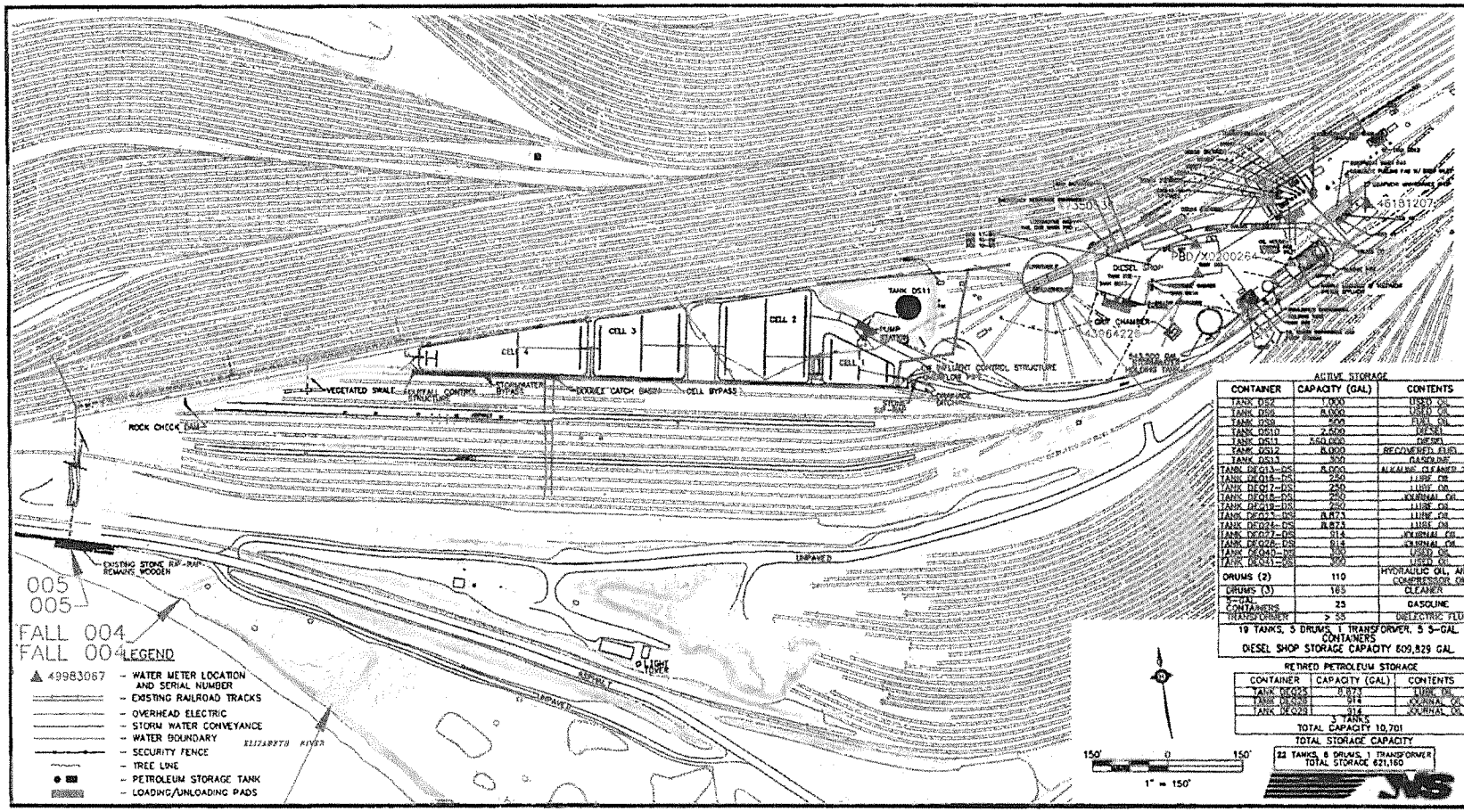
FIGURE 1



NS1789-198
12/01/2014
Bluefield, Virginia



	Location	RECEIVING STREAM	Total Acres
OUTFALL 001	36° 52' 10" N 76° 19' 06" W	ELIZABETH RIVER	7.2
OUTFALL 002	36° 52' 11" N 76° 19' 08" W	ELIZABETH RIVER	13.3
OUTFALL 003	36° 52' 18" N 76° 19' 17" W	ELIZABETH RIVER	16.6
OUTFALL 004	36° 52' 20" N 76° 19' 21" W	ELIZABETH RIVER	2.3
OUTFALL 005	36° 52' 21" N 76° 19' 23" W	ELIZABETH RIVER	40.9
OUTFALL 006	36° 52' 26" N 76° 19' 39" W	ELIZABETH RIVER	193.7
OUTFALL 015	36° 52' 48" N 76° 19' 25" W	UNNAMED TRIBUTARY TO ELIZABETH RIVER	0.9
OUTFALL 017	36° 52' 52" N 76° 19' 09" W	UNNAMED TRIBUTARY TO ELIZABETH RIVER	0.5
OUTFALL 018	36° 52' 53" N 76° 18' 59" W	UNNAMED TRIBUTARY TO ELIZABETH RIVER	0.5
OUTFALL 019	36° 52' 53" N 76° 18' 54" W	UNNAMED TRIBUTARY TO ELIZABETH RIVER	0.5
OUTFALL 020	36° 52' 50" N 76° 18' 50" W	UNNAMED TRIBUTARY TO ELIZABETH RIVER	18.6
OUTFALL 021	36° 52' 49" N 76° 18' 49" W	UNNAMED TRIBUTARY TO ELIZABETH RIVER	0.9
OUTFALL 022	36° 52' 40" N 76° 18' 41" W	UNNAMED TRIBUTARY TO ELIZABETH RIVER	3.8



ACTIVE STORAGE

CONTAINER	CAPACITY (GAL)	CONTENTS
TANK DS2	1,000	USED OIL
TANK DS6	8,000	USED OIL
TANK DS9	500	FUEL OIL
TANK DS10	2,500	DIESEL
TANK DS11	560,000	DIESEL
TANK DS12	8,000	RECOVERED FUEL OIL
TANK DS13	500	GASOLINE
TANK DEQ13-DS	8,000	ALKALINE CLEANER FILE
TANK DEQ16-DS	250	LUBE OIL
TANK DEQ17-DS	250	LUBE OIL
TANK DEQ18-DS	250	JOURNAL OIL
TANK DEQ19-DS	250	LUBE OIL
TANK DEQ23-DS	8,873	LUBE OIL
TANK DEQ24-DS	8,873	LUBE OIL
TANK DEQ27-DS	914	JOURNAL OIL
TANK DEQ28-DS	914	JOURNAL OIL
TANK DEQ40-DS	100	USED OIL
TANK DEQ41-DS	100	USED OIL
DRUMS (2)	110	HYDRAULIC OIL, AIR COMPRESSOR OIL
DRUMS (3)	165	CLEANER
5-GAL CONTAINERS	25	GASOLINE
TRANSFORMER	> 55	DIELECTRIC FLUID

19 TANKS, 5 DRUMS, 1 TRANSFORMER, 5 5-GAL. CONTAINERS
DIESEL SHOP STORAGE CAPACITY 609,829 GAL.

RETIRED PETROLEUM STORAGE

CONTAINER	CAPACITY (GAL)	CONTENTS
TANK DEQ22	8,873	LUBE OIL
TANK DEQ26	914	JOURNAL OIL
TANK DEQ29	914	JOURNAL OIL
3 TANKS		
TOTAL CAPACITY 10,701		

TOTAL STORAGE CAPACITY

22 TANKS, 8 DRUMS, 1 TRANSFORMER
TOTAL STORAGE 621,160

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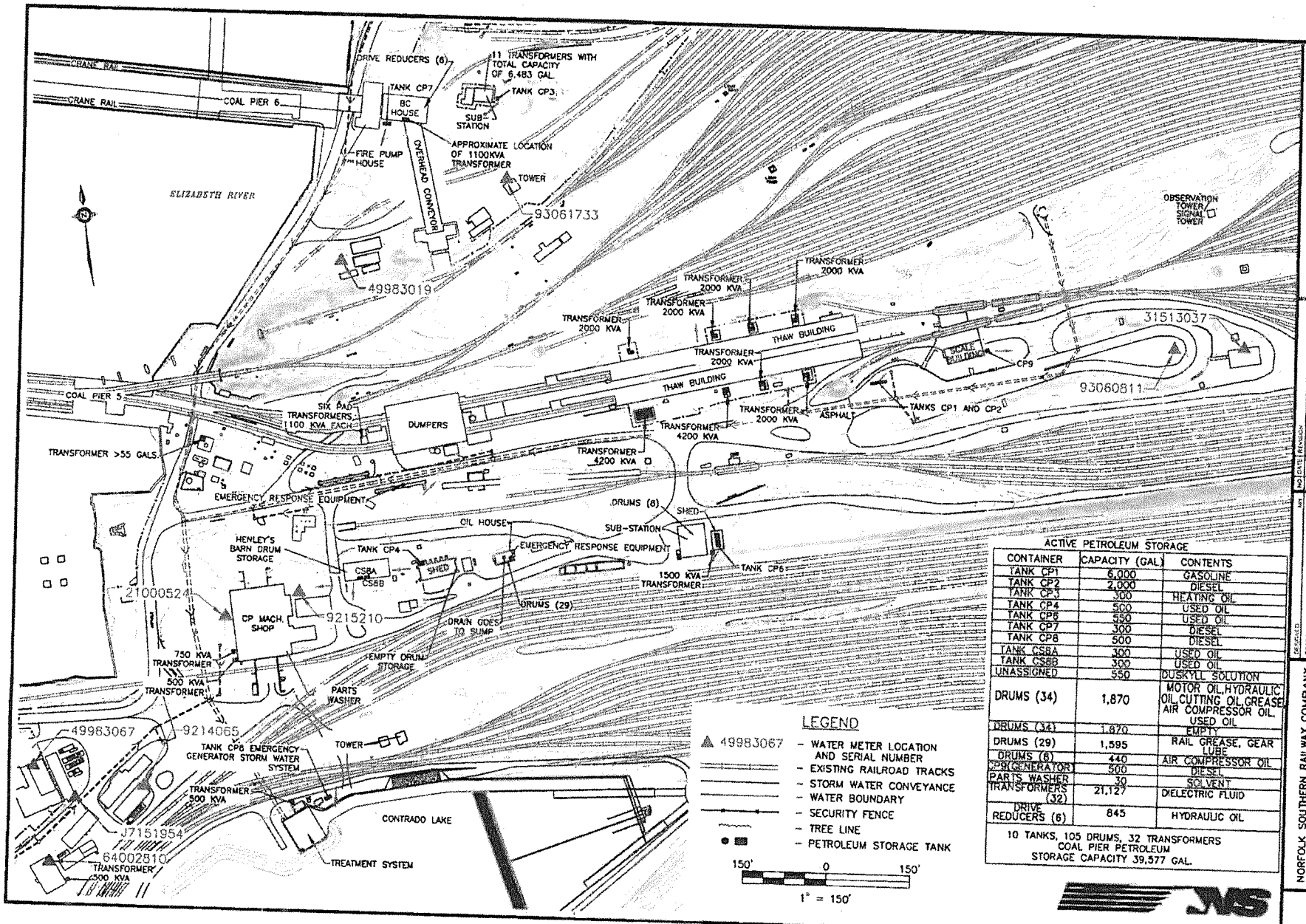
NORFOLK SOUTHERN RAILWAY COMPANY
LAMBERTS POINT TERMINAL
NORFOLK, VIRGINIA

FACILITY LAYOUT AND DRAINAGE MAP

Figure 3



ACTIVE PETROLEUM STORAGE

CONTAINER	CAPACITY (GAL)	CONTENTS
TANK CP1	6,000	GASOLINE
TANK CP2	2,000	DIESEL
TANK CP3	300	HEATING OIL
TANK CP4	500	USED OIL
TANK CP6	550	USED OIL
TANK CP7	300	DIESEL
TANK CP8	500	DIESEL
TANK CS8A	300	USED OIL
TANK CS8B	300	USED OIL
UNASSIGNED	550	DUSKYLL SOLUTION
DRUMS (34)	1,870	MOTOR OIL, HYDRAULIC OIL, CUTTING OIL, GREASE, AIR COMPRESSOR OIL, USED OIL
DRUMS (34)	1,870	EMPTY
DRUMS (29)	1,595	RAIL GREASE, GEAR LUBE
DRUMS (8)	440	AIR COMPRESSOR OIL
CP9(GENERATOR)	500	DIESEL
PARTS WASHER	30	SOLVENT
TRANSFORMERS (32)	21,127	DIELECTRIC FLUID
DRIVE REDUCERS (6)	845	HYDRAULIC OIL

10 TANKS, 105 DRUMS, 32 TRANSFORMERS
COAL PIER PETROLEUM
STORAGE CAPACITY 39,577 GAL.

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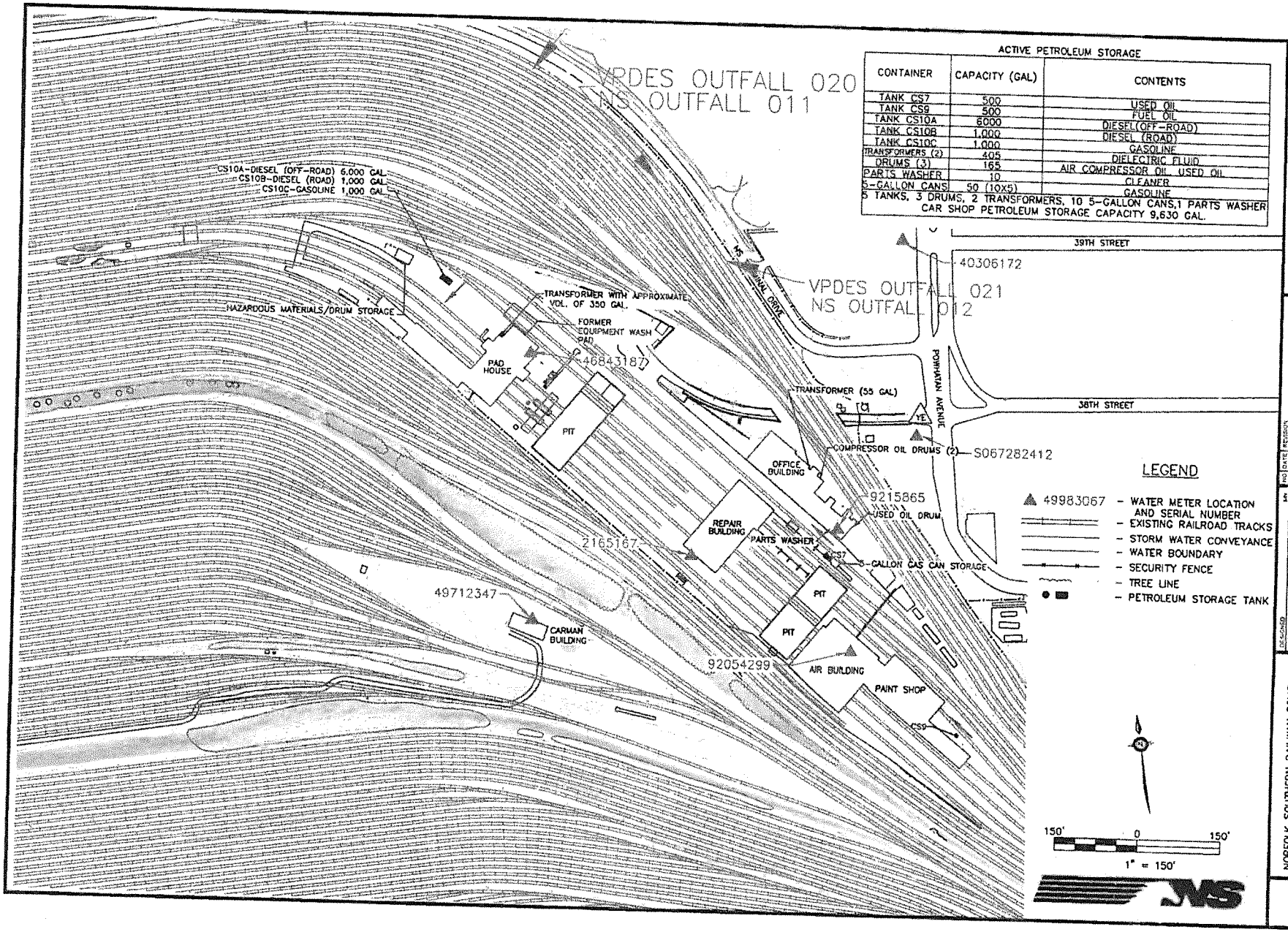
NO	DATE	REVISION

DESIGNED MPL
DRAWN TA
CHECKED LSA
DATE 12/01/2014
SCALE 1"=150'
FILE NO N:\1794.14K
PROJECT NO LAMBERTSPOINT_SETT
OFFICE LOC BLUEFIELD, VA

NORFOLK SOUTHERN RAILWAY COMPANY
LAMBERT'S POINT TERMINAL
NORFOLK, VIRGINIA

FACILITY LAYOUT AND DRAINAGE MAP

Figure
4



ACTIVE PETROLEUM STORAGE

CONTAINER	CAPACITY (GAL)	CONTENTS
TANK CS7	500	USED OIL
TANK CS9	500	FUEL OIL
TANK CS10A	6000	DIESEL(OFF-ROAD)
TANK CS10B	1,000	DIESEL (ROAD)
TANK CS10C	1,000	GASOLINE
TRANSFORMERS (2)	405	DIELECTRIC FLUID
DRUMS (3)	165	AIR COMPRESSOR OIL, USED OIL
PARTS WASHER	10	CLEANER
5-GALLON CANS	50 (10X5)	GASOLINE

5 TANKS, 3 DRUMS, 2 TRANSFORMERS, 10 5-GALLON CANS,1 PARTS WASHER
CAR SHOP PETROLEUM STORAGE CAPACITY 9,630 GAL.

LEGEND

- 49983067 – WATER METER LOCATION AND SERIAL NUMBER
- EXISTING RAILROAD TRACKS
- STORM WATER CONVEYANCE
- WATER BOUNDARY
- SECURITY FENCE
- TREE LINE
- PETROLEUM STORAGE TANK

Cardno MMG&A
Shaping the Future

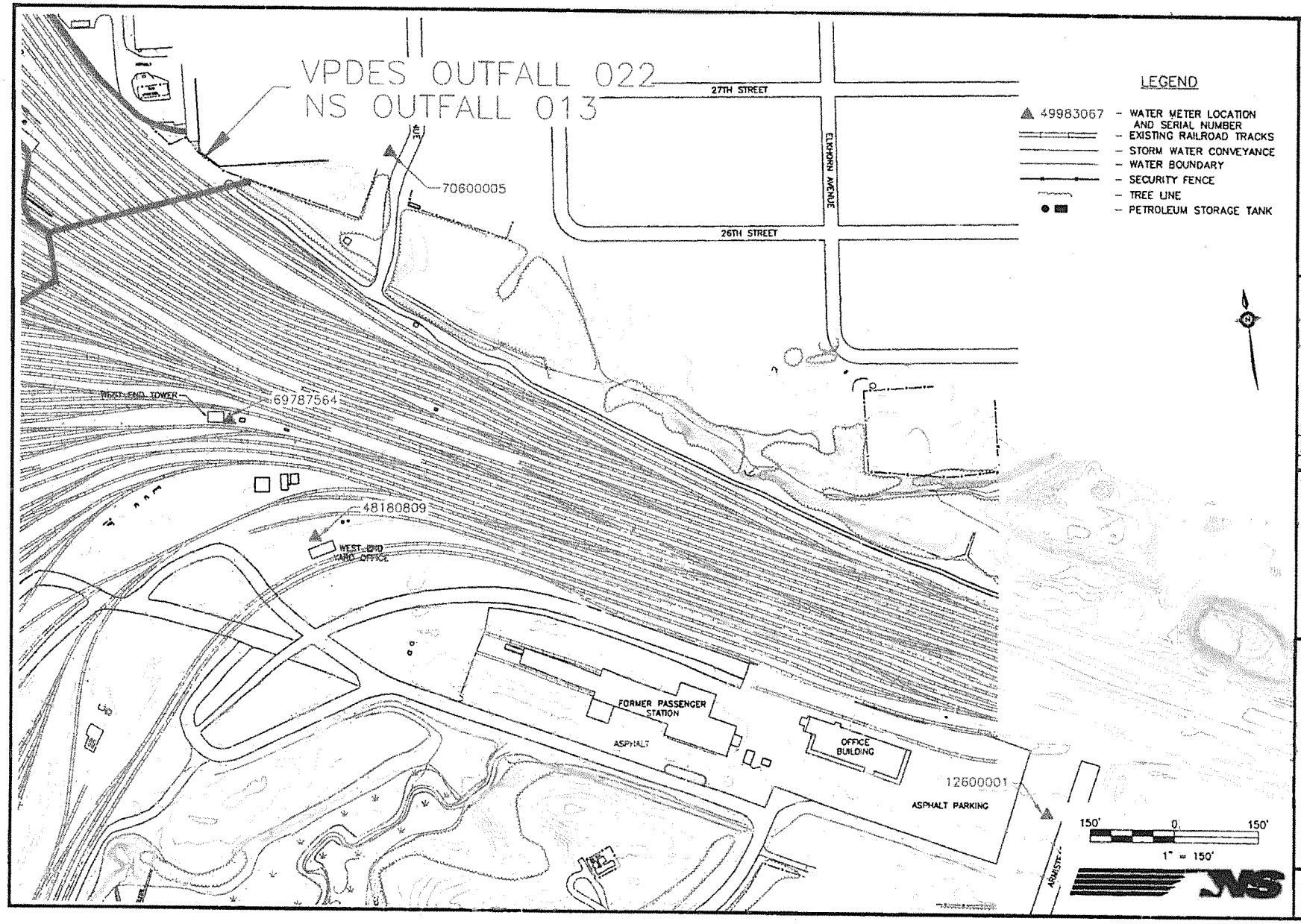
NO	DATE	REVISION

DESIGNED
DRAWN
CHECKED
DATE
SCALE
FILE NO.
PROJECT NO.
OFFICE LOC.

NORFOLK SOUTHERN RAILWAY COMPANY
LAMBERTS POINT TERMINAL
NORFOLK, VIRGINIA

FACILITY LAYOUT AND DRAINAGE MAP

Figure
5



Cardno MM&A
Shaping the Future

NO	DATE	REVISION

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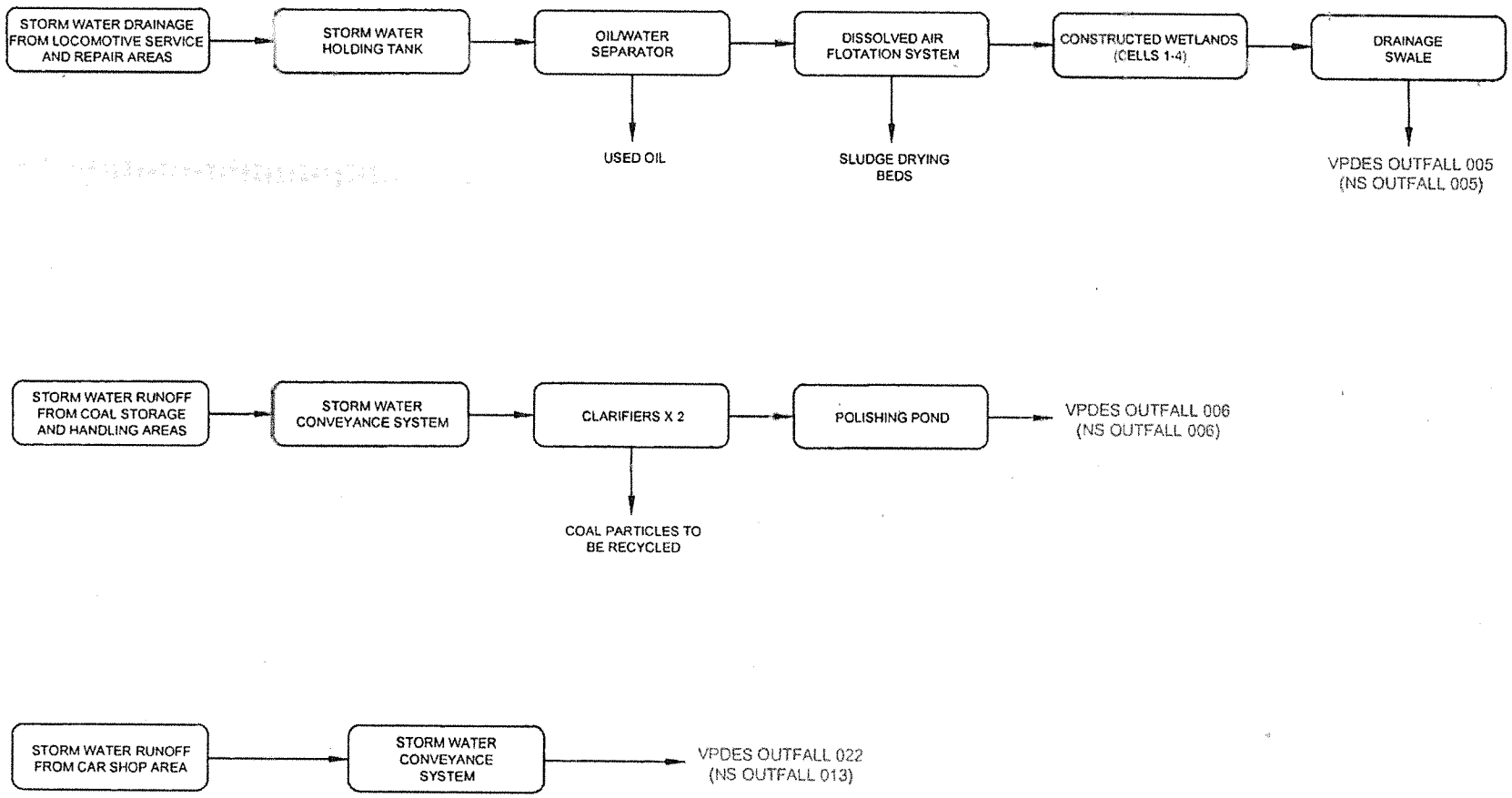
DRAWN	TA DJD
CHECKED	MN
DATE	12/01/2014
SCALE	1"=150'
FILE NO.	NS1199159
PROJECT NO.	LAMBERTSPOINT_SITE
OFFICE LOC	BOLLEFIELD VA

NORFOLK SOUTHERN RAILWAY COMPANY
LAMBERT'S POINT TERMINAL
NORFOLK, VIRGINIA

FACILITY LAYOUT AND DRAINAGE MAP

Figure
6



PROCESS FLOW SCHEMATIC

NORFOLK SOUTHERN RAILWAY COMPANY
LAMBERT'S POINT TERMINAL
NORFOLK, VIRGINIA

DATE:	DEC 2014
SCALE:	NOT TO SCALE
DRAWN:	DJD
CHECKED:	MN
PROJ. #:	NS1789/198

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NS