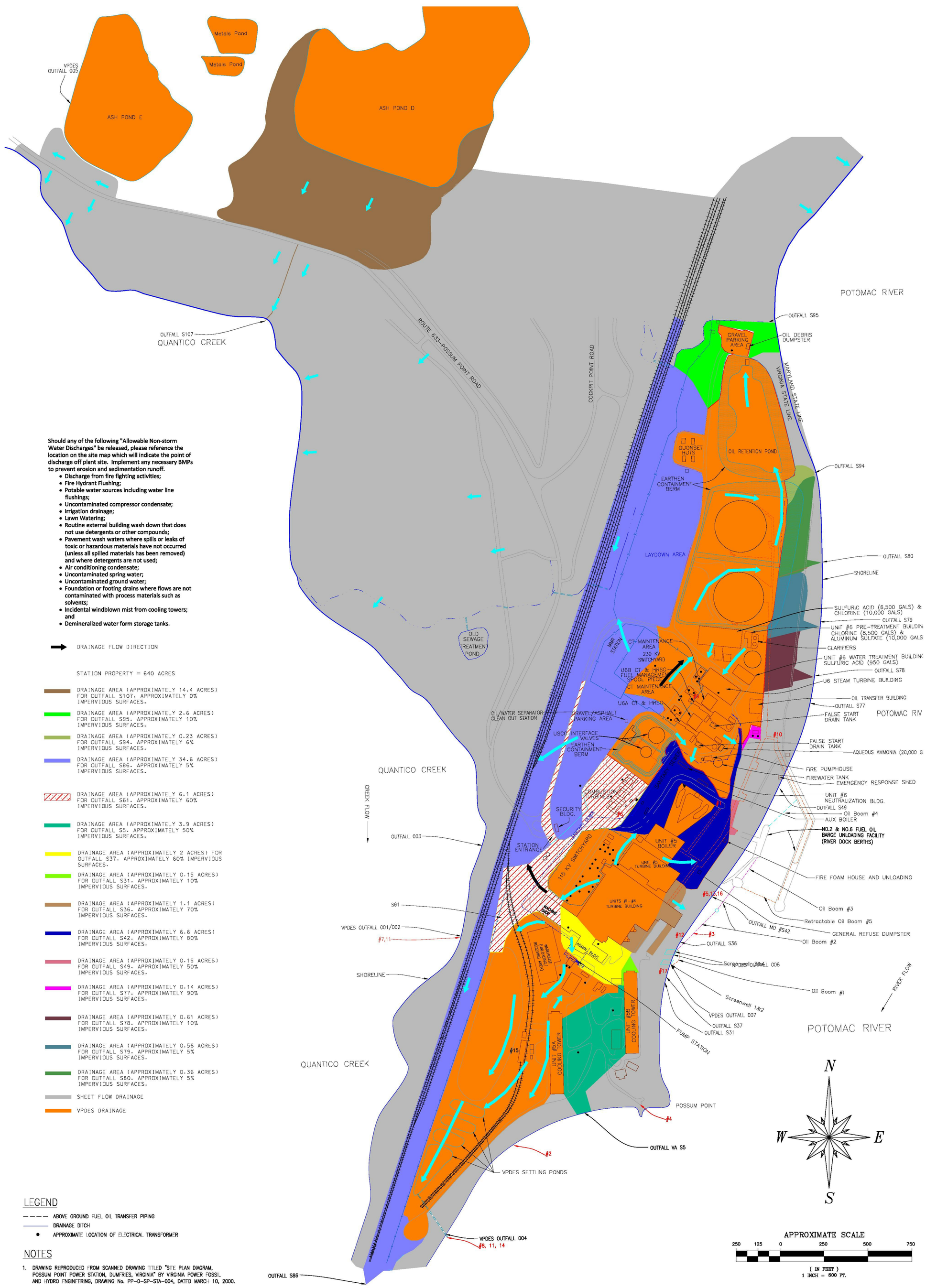

Should any of the following "Allowable Non-storm Water Discharges" be released, please reference the location on the site map which will indicate the point of discharge off plant site. Implement any necessary BMPs to prevent erosion and sedimentation runoff.

- Discharge from fire fighting activities;
- Fire Hydrant Flushing;
- Potable water sources including water line flushings;
- Uncontaminated compressor condensate;
- Irrigation drainage;
- Lawn Watering;
- Routine external building wash down that does not use detergents or other compounds;
- Pavement wash waters where spills or leaks of toxic or hazardous materials have not occurred (unless all spilled materials has been removed) and where detergents are not used;
- Air conditioning condensate;
- Uncontaminated spring water;
- Uncontaminated ground water;
- Foundation or footing drains where flows are not contaminated with process materials such as solvents;
- Incidental windblown mist from cooling towers; and
- Demineralized water form storage tanks.

DRAINAGE FLOW DIRECTION

STATION PROPERTY = 640 ACRES

DRAINAGE AREA (APPROXIMATELY 14.4 ACRES) FOR OUTFALL S107. APPROXIMATELY 0% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 2.6 ACRES) FOR OUTFALL S95. APPROXIMATELY 10% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 0.23 ACRES) FOR OUTFALL S94. APPROXIMATELY 6% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 34.6 ACRES) FOR OUTFALL S86. APPROXIMATELY 5% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 6.1 ACRES) FOR OUTFALL S61. APPROXIMATELY 60% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 3.9 ACRES) FOR OUTFALL S5. APPROXIMATELY 50% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 2 ACRES) FOR OUTFALL S37. APPROXIMATELY 60% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 0.15 ACRES) FOR OUTFALL S31. APPROXIMATELY 10% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 1.1 ACRES) FOR OUTFALL S36. APPROXIMATELY 70% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 6.6 ACRES) FOR OUTFALL S42. APPROXIMATELY 80% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 0.15 ACRES) FOR OUTFALL S49. APPROXIMATELY 50% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 0.14 ACRES) FOR OUTFALL S77. APPROXIMATELY 90% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 0.61 ACRES) FOR OUTFALL S78. APPROXIMATELY 10% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 0.56 ACRES) FOR OUTFALL S79. APPROXIMATELY 5% IMPERVIOUS SURFACES.

DRAINAGE AREA (APPROXIMATELY 0.36 ACRES) FOR OUTFALL S80. APPROXIMATELY 5% IMPERVIOUS SURFACES.

SHEET FLOW DRAINAGE

VPDES DRAINAGE

LEGEND

- ABOVE GROUND FUEL OIL TRANSFER PIPING
- DRAINAGE DITCH
- APPROXIMATE LOCATION OF ELECTRICAL TRANSFORMER

NOTES

1. DRAWING REPRODUCED FROM SCANNED DRAWING TITLED "SITE PLAN DIAGRAM, POSSUM POINT POWER STATION, DUMFRIES, VIRGINIA" BY VIRGINIA POWER FOSSIL AND HYDRO ENGINEERING, DRAWING No. PP-0-SP-STA-004, DATED MARCH 10, 2000.

APPROXIMATE SCALE

250 125 0 250 500 750

(IN FEET)
1 INCH = 500 FT.

REV	DATE	DSGN	DRWN	CHKD	DSGN SUPV	LEAD ENGR	CIVIL ENGR	ELEC ENGR	MECH ENGR	ARCH	E.M. ENGR	I&C ENGR	
2	10/1 2013	–	KTC	RAW	RWM	–	–	–	–	–	–	–	REVISED PER ENVIRONMENTAL REDLINES.
4	9/22 2014	–	KTC	RAW	RWM	–	–	–	–	–	–	–	REVISED PER ENVIRONMENTAL REDLINE (RAW)
3	12/4 2013	–	KTC	RAW	RWM	–	–	–	–	–	–	–	REV PER ENVIRONMENTAL REDLINE. MODIFY & RECALC DRAINAGE AREA.

DOMINION ENERGY

FOSSIL & HYDRO TECHNICAL SERVICES
RICHMOND, VIRGINIA

SITE PLAN
DRAINAGE AREA
POSSUM POINT POWER STATION

DSGN	-----	DSGN SUPV	RWM
DRWN	KTC	ENGR SUPV	-----
CHKD	RAW	LEAD ENGR	-----
DISPL ENGR	RAW	SCALE: N/A	UNLESS OTHERWISE NOTED

DRAWING NUMBER PP-0-SP-STA-622 REV. 4

SH 1 OF 1

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