

POSTS USED TO SWEEP DURING DREDGING

PUMP

PIPE FLOTATION

COLLECTION PIPE

CUTTER HEAD

REMOVAL ZONE

DEBRIS REMOVAL

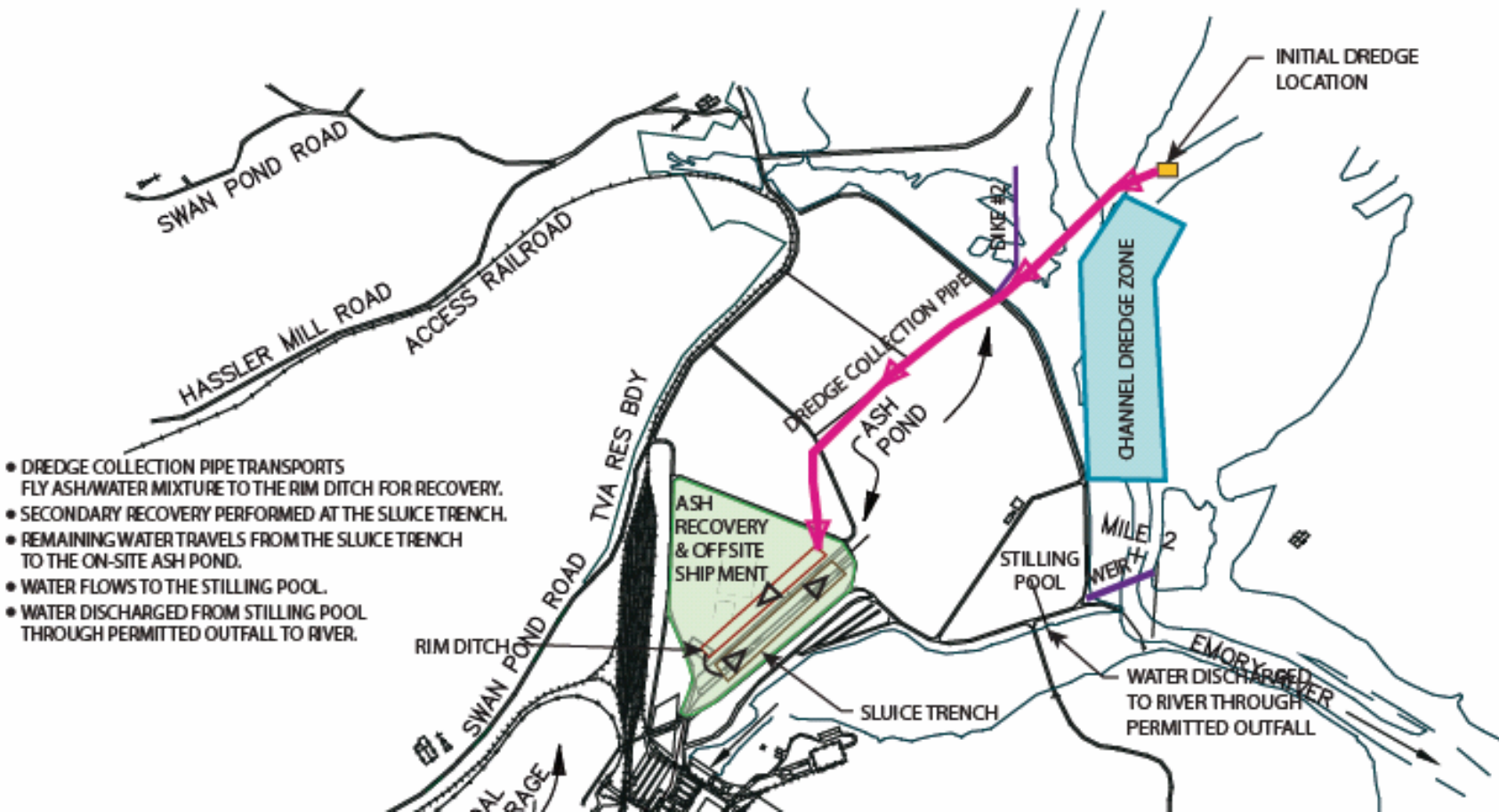
SUBMERGED FLY ASH IN EMORY RIVER

DREDGING OPERATION:

- DREDGE "CUTTER HEAD" LOWERED TO TARGET DEPTH
- "CUTTER HEAD" DISLODGES FLY ASH
- FLY ASH/WATER MIXTURE IS REMOVED FROM THE "CUTTER HEAD" THROUGH SUCTION
- PUMP TRANSFERS FLY ASH/WATER MIXTURE TO THE FLOATING COLLECTION PIPE
- DREDGE "SWEEPS" BACK AND FORTH TO EXPAND REMOVAL ZONE AT TARGET DEPTH
- EXCAVATOR MOUNTED BARGE REMOVES DEBRIS ENCOUNTERED IN SUBMERGED FLY ASH



RIVER DREDGING AND ASH RECOVERY



- DREDGE COLLECTION PIPE TRANSPORTS FLY ASH/WATER MIXTURE TO THE RIM DITCH FOR RECOVERY.
- SECONDARY RECOVERY PERFORMED AT THE SLUICE TRENCH.
- REMAINING WATER TRAVELS FROM THE SLUICE TRENCH TO THE ON-SITE ASH POND.
- WATER FLOWS TO THE STILLING POOL.
- WATER DISCHARGED FROM STILLING POOL THROUGH PERMITTED OUTFALL TO RIVER.

