



SITE INFORMATION

PROJECT INFORMATION:
 CLOCKTOWER DRIVE
 CITY OF KIRTLAND, LAKE COUNTY, OHIO 44094
 LATITUDE: 41.6378 LONGITUDE: -81.3702

OWNER INFORMATION:
 LAKETRA
 555 LAKESHORE BLVD., PAINESVILLE TOWNSHIP, OHIO 44077
 CONTACT: ADMINISTRATIVE OFFICE
 PHONE: 440-350-1000

SITE-CIVIL ENGINEER INFORMATION:
 CT CONSULTANTS, INC.
 8150 STERLING COURT
 MENTOR, OHIO 44060
 CONTACT: LENE H HILL, P.E.
 PHONE: 440-951-9000

TYPE OF CONSTRUCTION:
 NEW MAINTENANCE REDEVELOPMENT

TYPE OF PROJECT:
 RETAIL COMMUNITY MIXED USE
 OFFICE RECREATION RESIDENTIAL
 MEDICAL PUBLIC SAFETY RESTAURANT
 UTILITY EDUCATION APARTMENT
 ROAD INDUSTRIAL MANUFACTURING

DESCRIPTION OF PROJECT:
 DEMOLISH EXISTING PARKING LOT. CONSTRUCTION OF A NEW INTERMODAL TRANSIT BUILDING WITH DRIVEWAYS, PARKING, UTILITIES, STORM WATER MANAGEMENT SYSTEM AND LANDSCAPING. CONNECT ENTRANCE, RE-ROUTE EX. STORM SEWER AND ADD NEW STORM SEWERS WITH CATCH BASINS. ADD STORM WATER QUALITY BMP.

SOIL DISTURBING ACTIVITIES INCLUDE: EROSION AND SEDIMENT CONTROL INSTALLATION; REMOVAL OF TREES, VEGETATION, TOPSOIL, BUILDING FOUNDATIONS, UTILITIES AND SOIL BENEATH PAVEMENT SUBBASE; EARTHWORK GRADING; AND INSTALLATION OF NEW BUILDING, STORM WATER MANAGEMENT SYSTEM, UTILITIES, STORMWATER BMP AND NEW PAVEMENT.

DESCRIPTION OF PRIOR LAND USE:
 ASPHALT PARKING LOT WITH STORM CULVERT. CONCRETE SIDEWALK, & UNDEVELOPED LAND WITH VEGETATION AND BRUSH.

SITE AREA INFORMATION:

TOTAL PROPERTY AREA:	231.9	AC.
PROJECT LIMIT/CONSTRUCTION AREA:	4.16	AC.
AREA OF SOIL DISTURBANCE:	2.55	AC.
EXISTING IMPERVIOUS AREA:	1.61	AC.
PROPOSED IMPERVIOUS AREA:	1.47	AC.
INCREASE/DECREASE OF IMPERVIOUS AREA:	-3.37	%
PRE-CONSTRUCTION RUNOFF COEFFICIENT:	0.71	
POST-CONSTRUCTION RUNOFF COEFFICIENT:	0.65	

NAME OF RECEIVING STREAM, SURFACE WATER OR MS4:
WARD CREEK

QUALITY OF STORM WATER DISCHARGE FROM SITE:
UNKNOWN

ESTIMATED CONSTRUCTION START DATE: 08/01/2019
ESTIMATED CONSTRUCTION COMPLETION DATE: 05/31/2020

EROSION CONTROL TIMETABLE

	2019												2020											
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M							
STABILIZATION																								
TEMP. SEEDING				⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗												
PERM. SEEDING				⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗												
SODDING				⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗												
MULCHING	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗	⊗							
PAVING																								

⊗ IRRIGATION NEEDED

SOIL TYPES

NAME	DESCRIPTION	
PsB	Platea silt loam, 2 to 6% slopes	86.4%
PeD2	Pierpont silt loam, 12 to 18% slopes, eroded	13.6%

GENERAL NOTES

- THIS SWP3 HAS BEEN PREPARED SHOWING THE ITEMS LISTED BELOW, BUT THE CONTRACTOR MAY NEED TO MOVE OR ADD ITEMS AS CONSTRUCTION PROGRESSES OR DURING THE VARIOUS STAGES OF CONSTRUCTION. OR THE CONTRACTOR IS REQUIRED TO DEVELOP THE SWP3 FOR THIS PROJECT AND SUBMIT FOR APPROVAL TO THE SWCD SHOWING THE ITEMS LISTED BELOW. SOME ITEMS MAY ALREADY BE SHOWN ON THE SWP3, BUT MOVED TO BETTER SUIT THE CONTRACTOR'S MEANS AND METHODS.
 - LIMITS OF EARTH DISTURBING ACTIVITY
 - CONSTRUCTION ENTRANCE(S)
 - EROSION AND SEDIMENT CONTROL MEASURES
 - INLET PROTECTIONS
 - CONCRETE WASHOUT PIT(S)
 - EQUIPMENT STAGING
 - FUEL STORAGE AND VEHICLE FUELING AREA
 - CONSTRUCTION TRAILER(S)
 - SANITATION FACILITY
 - MATERIAL STOCKPILE LOCATION(S)
 - CHEMICAL COMPOUND MIXING AND STORAGE AREA
 - ANY OTHER EROSION CONTROL REQUIRED
- ALL WORK REQUIRED TO IMPLEMENT THE SWP3 INCLUDING INSPECTION FEES, MAINTENANCE AND REPAIRS SHALL BE DONE BY AND AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL AMEND THE SWP3 WHEN THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION OR MAINTENANCE THAT REQUIRES INSTALLATION OF BMPS OR MODIFICATION TO EXISTING BMPS.
- ADDITIONAL OR DIFFERENT BMPS MAY BE NEEDED AS CONSTRUCTION PROGRESSES OR AS REQUIRED BY THE OWNER, SWCD OR OHIO EPA.
- PHASE CONSTRUCTION ACTIVITIES TO MINIMIZE LAND DISTURBED AT ANY ONE TIME AND LEAVE EXISTING VEGETATION IN PLACE AS LONG AS POSSIBLE.

ADMINISTRATIVE NOTES

- AN OHIO EPA NPDES PERMIT IS REQUIRED WHERE CONSTRUCTION ACTIVITIES DISTURB 1 OR MORE ACRES OF LAND, OR SMALLER SITES LESS THAN 1 ACRE THAT ARE PART OF A LARGER COMMON DEVELOPMENT. DISTURBED LAND IS LAND IN WHICH VEGETATION HAS BEEN CLEARED AND SOILS ARE EXPOSED TO STORM WATER. A NOI IS REQUIRED FOR THIS PROJECT AND MUST BE FILED WITH THE OHIO EPA AT LEAST 21 DAYS PRIOR TO THE START OF CONSTRUCTION BECAUSE THE TOTAL LAND DISTURBANCE IS GREATER THAN 1 ACRE OR A NOI IS NOT REQUIRED FOR THIS PROJECT BECAUSE THE TOTAL LAND DISTURBANCE IS LESS THAN 1 ACRE AND IS NOT PART OF A LARGER COMMON DEVELOPMENT.
- THE CONTRACTOR SHALL FOLLOW THE PRACTICES AND REQUIREMENTS PROVIDED IN THE OHIO EPA NPDES CONSTRUCTION SITE STORM WATER GENERAL PERMIT OH000004 AND THE ODNB RAINWATER AND LAND DEVELOPMENT MANUAL, AND BE RESPONSIBLE FOR ALL NPDES TERMS AND CONDITIONS UNTIL A NOT IS FILED.
- NO CONSTRUCTION ACTIVITIES MAY BEGIN UNTIL ALL OF THE FOLLOWING OCCUR:
 - OHIO EPA NPDES AUTHORIZATION LETTER RECEIVED
 - THE CONTRACTOR FILES A CO-PERMITTEE APPLICATION TO THE OHIO EPA
 - THE CONTRACTOR ATTENDS A PRE-CONSTRUCTION MEETING WITH THE SWCD TO DISCUSS OHIO EPA NPDES PERMIT REQUIREMENTS
- ELECTRONIC VERSIONS OF OHIO EPA FORMS INCLUDING NOI, NOT, CO-PERMITTEE NOI/NOT, INDIVIDUAL LOT NOI/NOT AND TRANSFER ARE AVAILABLE THROUGH THE OHIO EPA AND CAN BE SUBMITTED ELECTRONICALLY. VISIT THE OHIO EPA ELECTRONIC BUSINESS SERVICES WEBSITE AT WWW.EPA.OHIO.GOV/DSW/STORM/INDEX FOR MORE INFORMATION AND GUIDANCE.
- THE CONTRACTOR SHALL SELECT INDIVIDUALS TO BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND COMPLETING INSPECTION AND MAINTENANCE REPORTS. THE CONTRACTOR SHALL COMPLETE A "DELEGATION OF AUTHORITY FOR STORM WATER POLLUTION PREVENTION PLAN" AND PROVIDE A COPY TO THE OWNER AND SWCD.
- THE CONTRACTOR SHALL HAVE SUBCONTRACTORS THAT ARE ENGAGED IN ACTIVITIES THAT COULD IMPACT STORM WATER COMPLETE A "SUBCONTRACTOR AGREEMENT FOR EROSION AND SEDIMENT CONTROL", AND THEN PROVIDE A COPY TO THE OWNER AND SWCD.
- THE CONTRACTOR SHALL KEEP ON-SITE COPIES OF THE NOI, NPDES, SWP3 AND INSPECTION LOGS/REPORTS.
- ALL EROSION AND SEDIMENT CONTROL WORK SHALL BE SUBJECT TO INSPECTION BY THE SWCD AND OHIO EPA.

EROSION CONTROL NOTES

- SPECIAL MEASURES SHALL BE TAKEN TO STABILIZE DRAINAGE CHANNELS AND STORM WATER OUTFALLS.
- DIVERT SURFACE RUNOFF AWAY FROM DISTURBED AREAS AND STEEP SLOPES WHEREVER PRACTICABLE.
- STABILIZATION OF DISTURBED AREAS SHALL BE INITIATED WITHIN THE TIME FRAMES IN THE FOLLOWING TABLES:

AREA REQUIRING TEMPORARY STABILIZATION	TIME FRAME TO APPLY CONTROLS
AREA WITHIN 50 FEET OF A SURFACE WATER, NOT AT FINAL GRADE AND TO REMAIN IDLE MORE THAN 14 DAYS	WITHIN 2 DAYS OF MOST RECENT DISTURBANCE
ANY OTHER AREA TO BE DORMANT MORE THAN 14 DAYS, BUT LESS THAN 1 YEAR	WITHIN 7 DAYS OF MOST RECENT DISTURBANCE
AREA TO REMAIN IDLE OVER WINTER	PRIOR TO ONSET OF WINTER WEATHER
AREA TO BE PAVED	STABILIZE WITH STONE SUBBASE UNTIL PAVED

AREA REQUIRING PERMANENT STABILIZATION	TIME FRAME TO APPLY CONTROLS
AREA TO BE DORMANT FOR 1 YEAR OR MORE	WITHIN 7 DAYS OF MOST RECENT DISTURBANCE
AREA WITHIN 50 FEET OF A SURFACE WATER AND AT FINAL GRADE	WITHIN 2 DAYS OF REACHING FINAL GRADE
ANY OTHER AREA AT FINAL GRADE	WITHIN 7 DAYS OF REACHING FINAL GRADE

SEDIMENT CONTROL NOTES

- INLET PROTECTION AND SEDIMENT BARRIERS MUST BE INSTALLED PRIOR TO CLEARING AND GRUBBING.
- PERIMETER SEDIMENT BARRIERS SHALL BE INSTALLED AS THE FIRST STEP OF GRADING AND WITHIN 7 DAYS FROM THE START OF CLEARING AND GRUBBING.
- SEDIMENT PONDS, TEMPORARILY MODIFIED PERMANENT PONDS AND PERIMETER SEDIMENT BARRIERS MUST BE INSTALLED AS THE FIRST STEP OF GRADING AND WITHIN 7 DAYS FROM THE START OF CLEARING AND GRUBBING, AND CONTINUE TO FUNCTION UNTIL ALL DISTURBED UPLAND AREAS ARE STABILIZED.
- SEDIMENT CONTROLS MUST POND RUNOFF TO BE CONSIDERED FUNCTIONAL.
- SEDIMENT-LADEN TRENCH OR GROUND WATER MUST PASS THROUGH A SEDIMENT-SETTLING POND OR BE DEWATERED IN-PLACE USING A SUMP PIT, FILTER BAG OR OTHER COMPARABLE METHOD, PRIOR TO DISCHARGE FROM THE SITE.
- TRENCH AND GROUND WATER FREE FROM SEDIMENT OR OTHER POLLUTANTS MAY BE DISCHARGED WITHOUT TREATMENT, PROVIDED THIS WATER DOES NOT BECOME POLLUTANT-LADEN BY TRAVERSING OVER DISTURBED SOILS OR OTHER POLLUTANT SOURCES.
- SETTLED MATERIAL SHALL BE DISPOSED OF IN A STABILIZED LOCATION WHERE IT WILL NOT BE CARRIED OFF-SITE OR INTO A STORM SEWER BY RAINFALL.

OTHER WASTE CONTROL NOTES

- SOIL STOCKPILES SHALL BE RINGED WITH SILT FENCE ALONG THE BOTTOM FOOTPRINT. IF THE STOCKPILE WILL BE INACTIVE FOR 14 DAYS OR MORE, THE SURFACE SHALL BE SEEDED OR STABILIZED WITHIN 7 DAYS OF LAST DISTURBANCE.
- CONCRETE TRUCKS ARE NOT PERMITTED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ONTO THE GROUND OR INTO STORM INLETS, DITCHES, STREAMS, WETLANDS OR ANY OTHER SURFACE WATERS. ALL EXCESS CONCRETE AND CONCRETE WASHOUT, INCLUDING FROM HAND MIXERS AND LIGHT EQUIPMENT, MUST BE DISPOSED OF IN A CONCRETE WASHOUT AREA TO COLLECT AND HARDEN.
- OFF-SITE TRACKING OF SEDIMENT BY CONSTRUCTION VEHICLES MUST BE MINIMIZED. THE CONTRACTOR SHALL SWEEP ALL ADJACENT ROADS TO REMOVE MUD, DIRT OR ROCK TRACKED FROM THE SITE AT THE END OF EACH WORK DAY OR AS REQUIRED DURING THE DAY. DUMP TRUCKS HAULING MATERIAL FROM THE SITE SHALL BE COVERED WITH A TARPULIN.
- IT IS PROHIBITED TO BURN, BURY OR POUR ONTO THE GROUND OR INTO STORM INLETS, DITCHES, STREAMS, WETLANDS OR ANY OTHER SURFACE WATERS SOLID OR LIQUID WASTE INCLUDING TRASH, CONSTRUCTION DEBRIS, SOLVENTS, PAINT, DIESEL FUEL, GASOLINE, MOTOR OIL, HYDRAULIC FLUID, CEMENT CURING COMPOUND, ANTIFREEZE OR OTHER TOXIC OR HAZARDOUS WASTE. WASTE MATERIALS SHALL BE COLLECTED IN A SECURELY LIDDED DUMPSTER, DISPOSED OF IN AN APPROVED LANDFILL AND EMPTIED AS NECESSARY.
- FUEL TANKS, DRUMS AND OTHER CONTAINERS HOLDING CHEMICALS MUST BE STORED WITHIN A DIKED AREA WITH A VOLUME OF AT LEAST 110% OF THE LARGEST TANK. A DIKED AREA IS NOT NECESSARY IF A SELF-CONTAINED SPILL PROOF TANK IS USED.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY SANITARY FACILITIES AT THE SITE. SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS 1 TIME PER WEEK, OR MORE OFTEN IF NECESSARY.
- ANY TOXIC OR HAZARDOUS MATERIAL SPILL, REGARDLESS OF SIZE, MUST BE REPORTED WITHIN 30 MINUTES TO THE LOCAL FIRE DEPARTMENT AND OHIO EPA.
- CONTAMINATED SOIL, SOIL WHERE CONSTRUCTION CHEMICALS HAVE BEEN SPILLED OR HAZARDOUS WASTE MATERIALS MUST BE REMOVED FROM THE SITE AND DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
- STORM WATER THAT COMES IN CONTACT WITH CONTAMINATED SOIL OR HAS A VISIBLE SHEEN MUST BE COLLECTED BY A VACUUM TRUCK AND DISPOSED OF AS A WASTE WATER.

TMDLS AND BMPS SELECTED

- APPLICABLE TMDLS FOR THE SITE:
 PHOSPHORUS AMMONIA HABITAT
 NITROGEN BACTERIA FLOW
 SEDIMENT/TOTAL SUSPEND SOLIDS
 DISSOLVED OXYGEN/ORGANIC ENRICHMENT
- THE FOLLOWING BMPS ARE SELECTED TO ADDRESS APPLICABLE TMDLS FOR THE PROJECT:

CONSTRUCTION SITE:
 DEMARCATÉ PROTECTED AREA BEFORE CONSTRUCTION
 MAINTAIN PORTABLE TOILET AND EMPTY W/OUT SPILL
 PROPER STORAGE OF LANDSCAPE FERTILIZER
 MS4 MONTHLY INSPECTIONS DURING CONSTRUCTION
 RESOLVE NON-COMPLIANCE SWP3 INSPECTION ITEMS
 FINAL INSPECTION TO ENSURE BMP IMPLEMENTATION

TEMPORARY EROSION CONTROL:
 CHECK DAMS TEMPORARY DIVERSION
 SLOPE DRAIN STREAM UTILITY CROSSING
 DEWATERING STREAM CROSSING

TEMPORARY SEDIMENT CONTROL:
 SEDIMENT BASIN SEDIMENT TRAP
 SILT FENCE INLET PROTECTION
 FILTER SOCK FILTER BERM

SOIL STABILIZATION:
 DUST CONTROL PHASED DISTURBANCE
 MULCHING CLEARING AND GRUBBING
 SODDING TEMPORARY SEEDING
 TOPSOILING PERMANENT SEEDING
 GRADE TREATMENT CONSTRUCTION ENTRANCE
 TEMPORARY ROLLED EROSION CONTROL PRODUCTS
 TURF REINFORCEMENT MATTING
 TREE AND NATURAL AREA PRESERVATION

PERMANENT EROSION CONTROL:
 GRAVELLED SWALE ROCK LINED CHANNEL
 LINED SPREADER ROCK OUTLET PROTECTION
 DIVERSION SUBSURFACE DRAIN

POLLUTION PREVENTION AND GOOD HOUSEKEEPING:
 ROUTINE FACILITY INSPECTIONS
 VISUAL ASSESSMENT OF STORM WATER DISCHARGE
 ANNUAL COMPREHENSIVE SITE INSPECTION
 SWEEP PARKING LOT AND DRIVE LANES
 CLEAN CATCH BASINS
 STORE WASTE IN LIDDED CONTAINERS
 LOCATE SNOW DISPOSAL AREAS AWAY FROM BMPS
 ESTABLISH "PICK-UP PET WASTE" STATION

POST-CONSTRUCTION:
 WETLAND SETBACK STREAM SETBACK
 WATER QUALITY POND PERMEABLE PAVEMENT
 GRASS FILTER STRIP INFILTRATION TRENCH
 TREE BOX FILTER SAND FILTER
 GREEN ROOF LTMA
 BIORETENTION AREA CISTERN
 BIORETENTION WITH INTERNAL WATER STORAGE
 OPEN CHANNEL SWALES
 WET EXTENDED DETENTION BASIN
 DRY EXTENDED DETENTION BASIN WITH FOREBAY
 RETROFIT SWMF TO TREAT WCV
 RETROFIT SWMF TO INCREASE INFILTRATION
 RETROFIT SWMF POND TO FUNCTION AS WETLAND
 AS-BUILT POST-BMPS
 SUBMIT LTMA ANNUAL MAINTENANCE REPORT TO MS4
 REDUCE IMPERVIOUS SURFACES
 DECREASE QUANTITY OF PARKING SPACES
 LOW IMPACT DEVELOPMENT
 CONSERVATION DEVELOPMENT
 DISCONNECT DOWNSPOUT AND REDIRECT TO BMP
 VEGETATE MAINTENANCE/STORAGE YARD OPEN AREAS
 IMPLEMENT LOW-MOW OR NO-MOW PRACTICES
 PEST MANAGEMENT PROGRAM

PERMIT CLOSURE REQUIREMENTS

- FINAL STABILIZATION REQUIRES THE CONTRACTOR TO REMOVE ALL TEMPORARY SEDIMENT AND EROSION CONTROLS FROM THE SITE AND ALL SEDIMENT TRAPPED BY THOSE CONTROLS BE PERMANENTLY STABILIZED.
- THE CONTRACTOR SHALL COMPLETE A "FINAL CERTIFICATION AND NOTIFICATION FOR EROSION AND SEDIMENT CONTROL" UPON PROJECT COMPLETION AND PROVIDE A COPY TO THE OWNER AND SWCD.
- ONCE CONSTRUCTION ACTIVITIES HAVE CEASED AND THE SITE REACHES FINAL STABILIZATION, THE CONTRACTOR MUST TERMINATE THE NPDES PERMIT COVERAGE BY FILING A NOT WITH THE OHIO EPA WITHIN 45 DAYS OF FINAL STABILIZATION. FINAL STABILIZATION IS DEFINED AS AN ESTABLISHED VEGETATIVE GROUND COVER OF AT LEAST 70% GROWTH DENSITY, OR OTHER MEANS OF PERMANENT STABILIZATION, OVER ALL AREAS DISTURBED DURING CONSTRUCTION.
- THE CONTRACTOR MUST MAINTAIN ALL REPORTS FOR 3 YEARS AFTER THE NOT IS FILED, AND PROVIDE DIGITAL COPIES TO THE OWNER AND SWCD.

MAINTENANCE REQUIREMENTS

- BMPS SHALL BE MAINTAINED IN GOOD WORKING ORDER UNTIL UPSLOPE AREAS THEY CONTROL ARE STABILIZED.
- THE CONTRACTOR SHALL PROVIDE A QUALIFIED PERSON KNOWLEDGEABLE IN THE PRINCIPLES AND PRACTICES OF EROSION AND SEDIMENT CONTROLS, POSSESS THE TECHNICAL SKILLS TO ASSESS SITE CONDITIONS THAT COULD IMPACT STORM WATER QUALITY, AND CAN ASSESS THE EFFECTIVENESS OF ANY BMP SELECTED.
- A QUALIFIED PERSON MUST INSPECT BMPS AT LEAST ONCE EVERY 7 DAYS AND WITHIN 24 HOURS OF A 0.5" OR GREATER RAINFALL IN A 24-HOUR PERIOD TO DETERMINE IF THE SWP3 WAS PROPERLY IMPLEMENTED.
- THE QUALIFIED PERSON MUST PREPARE A WRITTEN REPORT AFTER EACH INSPECTION SUMMARIZING INSPECTION RESULTS INCLUDING THE FOLLOWING:
 - DATE OF INSPECTION
 - NAME AND QUALIFICATION OF THE INSPECTOR
 - WEATHER CONDITIONS
 - LOCATIONS WHERE IN-STREAM OR OFF-SITE SEDIMENTATION OR OTHER POLLUTANTS WERE OBSERVED.
 - LOCATIONS OF BMPS NEEDING MAINTENANCE.
 - LOCATIONS OF BMPS FAILING TO OPERATE CORRECTLY OR PROVIDE ADEQUATE PROTECTION.
 - LOCATION OF AREAS IN NEED OF ADDITIONAL BMPS NOT IN PLACE AT THE TIME OF INSPECTION.
 - CORRECTIVE ACTIONS REQUIRED, CHANGES TO THE SWP3 AND IMPLEMENTATION DATES.
 - GRADING AND STABILIZATION ACTIVITY LOG
 - EROSION AND SEDIMENT CONTROL AMENDMENT LOG
- ALL INCIDENTS OF NON-COMPLIANCE MUST BE IDENTIFIED IN THE REPORT. IF A REPORT DOES NOT IDENTIFY INCIDENTS OF NON-COMPLIANCE, IT MUST CONTAIN A CERTIFICATION THE SITE IS IN COMPLIANCE AT THE TIME OF INSPECTION.
- BMP MAINTENANCE OR REPAIR MUST BE COMPLETED WITHIN 3 DAYS, AND SEDIMENT POND MAINTENANCE OR REPAIR WITHIN 10 DAYS, OF THE INSPECTION THAT REVEALED A DEFICIENCY.
- WHEN AN INSPECTION REVEALS A BMP IS NOT EFFECTIVE AND A MORE APPROPRIATE BMP IS REQUIRED, THE SWP3 SHALL BE AMENDED, THE NEW BMP INSTALLED WITHIN 10 DAYS OF THE INSPECTION THAT REVEALED THE DEFICIENCY, AND THE "STORM WATER POLLUTION PREVENTION PLAN AMENDMENT LOG" FORM COMPLETED.
- WHEN AN INSPECTION REVEALS A BMP HAS NOT BEEN INSTALLED, BUT IS REQUIRED TO PROVIDE ADEQUATE CONTROL, IT MUST BE INSTALLED PRIOR TO THE NEXT STORM EVENT WHICH PRODUCES RUNOFF, BUT IN NO CASE LATER THAN 10 DAYS FROM THE INSPECTION THAT REVEALED THE DEFICIENCY.
- THE INSPECTION FREQUENCY MAY BE REDUCED TO 1 TIME PER MONTH IF THE ENTIRE SITE IS TEMPORARILY STABILIZED OR RUNOFF IS UNLIKELY DUE TO WINTER WEATHER (I.E. SUSTAINED SNOW COVER OR FROZEN GROUND CONDITIONS). A WAIVER OF INSPECTION REQUIREMENTS IS AVAILABLE UNTIL 1 MONTH BEFORE THAWING CONDITIONS ARE EXPECTED IF ALL THE FOLLOWING CONDITIONS ARE MET:
 - FROZEN CONDITIONS ARE ANTICIPATED TO CONTINUE FOR EXTENDED PERIODS OF TIME (I.E. MORE THAN 1 MONTH).
 - SOIL DISTURBANCE ACTIVITIES HAVE BEEN SUSPENDED.
 - THE BEGINNING AND ENDING DATES OF THE WAIVER PERIOD ARE DOCUMENTED IN THE SWP3.
- ONCE A DEFINABLE AREA HAS BEEN FULLY STABILIZED, IT MAY BE MARKED ON THE SWP3 AND NO FURTHER INSPECTION REQUIREMENTS ARE REQUIRED FOR THAT AREA OF THE SITE.
- INSPECTIONS SHALL BE PERFORMED UNTIL A NOT IS FILED WITH THE OHIO EPA.

SEQUENCE OF MAJOR CONSTRUCTION ACTIVITIES

- HOLD A PRE-CONSTRUCTION MEETING TO DISCUSS OHIO EPA NPDES PERMIT REQUIREMENTS.
- CONTRACTOR SUBMITS CONSTRUCTION SCHEDULE FOR CONSTRUCTION ACTIVITIES.
- BEGIN INSPECTION, MAINTENANCE, RECORD KEEPING AND SITE POSTING OF BMPS.
- ESTABLISH STAGING AREA AND NON-SEDIMENT BMPS.
- INSTALL SILT FENCE, INLET PROTECTION AND CONSTRUCTION ENTRANCE.
- INSTALL OTHER TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS AS SOON AS POSSIBLE, BUT NO LATER THAN 7 DAYS AFTER FIRST SOIL DISTURBANCE. INSPECT AND MAINTAIN BMPS FOR THE PROJECT DURATION UNTIL UPSLOPE AREAS ARE PERMANENTLY STABILIZED.
- BEGIN SITE DEMOLITION AND CONSTRUCTION.
- INSTALL DEWATERING MEASURES.
- BEGIN EARTHWORK OPERATIONS.
- APPLY TEMPORARY SEED.
- INSTALL STORM SEWERS AND INLETS.
- CONSTRUCT REMAINING UTILITIES INCLUDING SANITARY, WATER, ELECTRIC, GAS AND PHONE.
- INSTALL PAVING.
- INSPECT AND CLEAN EXISTING AND NEW STORM SEWERS AND INLETS.
- APPLY PERMANENT SEED.
- INSTALL LANDSCAPING.
- CONTINUE INSPECTIONS, MAINTENANCE, RECORD KEEPING, AND SITE POSTING UNTIL FINAL STABILIZATION ACHIEVED.
- REMOVE TEMPORARY BMPS FROM STORM SEWER AND INLETS, AND OPEN GUTTERS AND DITCHES TO OBTAIN FREE DRAINAGE.
- DISPOSE OF ALL DEBRIS AND WASTE MATERIAL.



ISSUED FOR:	ISSUE DATE:	SCALE:	DESIGNED BY:	DRAWN BY:	CHECKED BY:
8/5/2019	AS SHOWN	LOH / GMS	GMS	LOH	

LAKELAND TRANSFER CENTER
LAKELAND COMMUNITY COLLEGE
 7601 CLOCKTOWER DR., KIRTLAND, OH 44094

STORM WATER POLLUTION PREVENTION PLAN

PROJECT NO.	18050002
DISCIPLINE	CIVIL
SHEET NAME	SWP_01
SHEET	22
OF	55