APR 15 2016
Jackson Field Office Ves

ARAP PERMIT

FOR

A 60" HDPE PIPE INSTALLATION AND FOUR OUTFALLS FROM THE SELMER 1 SOLAR FARM SITE

TO

OXFORD CREEK

IN

MCNAIRY COUNTY, TN

Prepared by:

Barge Waggoner Sumner & Cannon, Inc. 60 Germantown Court, Suite 100 Memphis, Tennessee 38018

File 36268-01



CN-1091 (Rgv. 1-15)

TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville, Tennessee 37243 1-888-891-8332 (TDEC)

Application for Aquatic Resource Alteration Permit (ARAP) & State §401 Water Quality Permit

OFFICIAL STATE USE ONLY	Site #:				Permit #:			
Section 1. Applicant Information (indivi	dual respons	sible for sit	te, signs certific	cation below)				
Applicant Name: Scott Canada								
Company: McCarthy Building Companie	∌s			Signatory'	s Title or P	osition: Vice	President	
Mailing Address: 6225 N. 24th Street,	Suite 200)		City: Phoenix State: AZ			Zip: 85016	
Phone: 480-449-4757 Fax:				E-mail:				
Section 2. Alternate Contact/Consultant	Informatio	n (a consu	Itant is not req	uired)				
Alternate Contact Name: Chris Triplett								
Company: Barge Waggoner Sumner & Can	non			Title or Pos	sition: Proje	ct Manager		
Mailing Address: 60 Germantown Ct., Suite	100			City: Cordo	va		State: TN	Zip: 38018
Phone: 901-244-5512	Fax:	901-755-7	7844	E-mail: chris	s.triplett@bw:	c.net		
Section 3. Fee (check appropriate box and	l submit requ	usite fee w	ith application,)				
By TDEC Current fee schedules for Aquatic Resourc	e Alteration .	Permit pro	h Application	found at the	Division o	Submitted: f Water Rese	\$ources webpage	e at
http://www.tn.gov/environment/permits/are				. Make check	s payable t	o "Treasure	r, State of Tenn	essee".
Section 4. Project Details (fill in informa	tion and che	ck appropr	riate boxes)					
Site or Project Name: Selmer 1 Solar F	arm			Nearest C	ity, Town c	r Major Lan	idmark: Selme	er, TN
reet Address or Location: SE Quadrant	of TN Hwy	. 142 and	High School	Road Inters	section			
County(ies): McNairy			MS4 Jurisdiction:		La	Latitude (dd.dddd): 35.14259		
- The state of the					Lo	ngitude (dd.	dddd): 88.5311	8
Resource Proposed for Alteration:	tream	□ We	etland	Reservo	ir			
Name of Water Resource: Oxford Creek								
Brief Project Description (a more detailed				•				
Installation of a 60" pipe on a later	al to Oxfo	rd Creek	and four o	utfalls to C	xford Cr	ek from 1	the Selmer 1	Solar Farm site.
Does the proposed activity require approva government agency? Yes No	I from the U	.S. Army C	Corps of Engine	eers, the Teni	nessee Vall	ey Authority	, or any other f	ederal, state, or local
If Yes, provide the permit reference number	rs:							
In the proposed activities are closed with a la								
Is the proposed activity associated with a la If Yes, submit site plans and identify the lo	_	-		-11:			Plans attached	? ■ Yes □ No
If applicable, indicate any other federal, sta the past (i.e. construction general permit co	te, or local p	ermit auth	orizations that			common pla		
Section 5. Project Schedule (fill in informa	ation and che	еск арргор	riate boxes)					
Start date: July, 2016	Е	stimated e	nd date: Sept	ember, 20)16			***
ls any portion of the activity complete now	? Yes	■ No 1	f yes, describe	the extent of	the comple	ted portion:		

(Page 1 of 3)

RDA2366

Application for Aquatic Resource Alteration Permit (ARAP) & State §401 Water Quality Permit

The required information in Sections 6-11 must be submitted on a separate sheet(s) and submitted in the same numbered format as presented below. If any question in not applicable, state the reason why it is not applicable.

Section	on 6. Project Description		nched
6,1	A narrative description of the scope of the project	Yes	No
6.2	USGS topographic map indicating the exact location of the project (can be a photographic copy)		
6.3	Photographs of the resource(s) proposed for alteration with location description (photo locations should be noted on map)		
6.4	A narrative description of the existing stream and/or wetland characteristics including, but not limited to, dimensions (e.g., depth, length, average width), substrate and riparian vegetation		
6.5	A narrative description of the proposed stream and/or wetland characteristics including, but not limited to, dimensions (e.g., depth, length, average width), substrate and riparian vegetation		Е
6.6	In the case of wetlands, include a wetland delineation with delineation forms and site map denoting location of data points		
5.7	A copy of all hydrologic or jurisdictional determination documents issued for water resources on the project site		
Sectio	n 7. Project Rationale	Atta Yes	ched
	be the need for the proposed activity, including, but not limited to, the purpose, alternatives considered, and what will be done to or minimize impacts to streams or wetlands.	▣	
Sectio	n 8. Technical Information	Atta Yes	ched No
3.1	Detailed plans, specifications, blueprints, or legible sketches of present site conditions and the proposed activity. Plans must be 8.5.x 11 inches. Additional larger plans may also be submitted to aid in application review. The detailed plans should be superimposed on existing and new conditions (e.g., stream cross sections where road crossings are proposed)	▣	
2	For both the proposed activity and compensatory mitigation, provide a discussion regarding the sequencing of events and construction methods	•	
3.3	Depiction and narrative on the location and type of erosion prevention and sediment control (EPSC) measures for the proposed alterations	•	
	n 9. Water Resources Degradation (degree of proposed impact) Note that in most cases, activities that exceed the scope of the Cions are considered greater than de minimis degradation to water quality.	General F	Permit
⁄ly ac	tivity, as proposed:		
a.	Will not cause measurable degradation to water quality		
b.	Will only cause de minimis degradation to water quality		
C.	Will cause more than de minimis degradation to water quality (Complete additional sections 9-11)		
d.	Unsure/need more information		
Tennes	formation and guidance on the definition of de minimis and degradation, refer to the Antidegradation Statement in Chapter 0400-4 usee Water Quality Criteria Rule: https://www.tn.gov/environment/permits/arap.shtml feneral Permits can cover, refer to the Natural Resources Unit webpage at http://www.tn.gov/environment/permits/arap.shtml	0-03-,06 specifics	of the
f you	checked "c." above in Section 9, complete the following 2 sections, 10-11. N/A		
Section	10. Detailed Alternative Analysis	Atta Yes	ched No
0.1	Analyze all reasonable alternatives and describe the level of degradation caused by each of the feasible alternatives		
0.2	Discuss the social and economic consequences of each alternative		
₹.3	Demonstrate that the degradation associated with the preferred alternative will not violate water quality criteria for uses designated in the receiving waters, and is necessary to accommodate important economic and social development in the area		

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Section	on 11. Compensatory Mitigation	N/A	Attached		
11.1	A detailed discussion of the proposed	compensatory mitigation	Yes	No	
11.2	Describe how the compensatory mitigate	ation would result in no net loss of resource value			
11,3	Provide a detailed monitoring plan for	the compensatory mitigation site			
11.4	Describe the long-term protection mea easement)	sures for the compensatory mitigation site (e.g., deed restrictions, conservation			

Certification and Signature

An application submitted by a corporation must be signed by a principal executive officer; from a partnership or proprietorship, by the partner or proprietor respectively; from a municipal, state, federal or other public agency or facility, the application must be signed by either a principal executive officer, ranking elected official, or other duly authorized employee

"I certify under penalty of law that this document and all attachments were prepared by me, or under my direction or supervision. The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. As specified in Tennessee Code Annotated Section 39-16-702(a)(4), this declaration is made under penalty of perjury".

	Serier Vice Prosident	ele de	3/7/16
Printed Name	Official Title	Signature	Date

Submitting the form and obtaining more information Note that this form must be signed by the principal executive officer, partner or proprietor, or a ranking elected official in the case of a municipality, for details see Certification and Signature statement above. For more information, contact your local EFO at the toll-free number 1-888-891-8332 (TDEC) Submit the completed ARAP Application form (keep a copy for your records) to the appropriate EFO for the county(ies) where the ARAP activity is located, addressed to Attention: ARAP Processing. You may also electronically submit the complete application and all associated attachments (e.g., maps, wetland delineations and narrative portions) to water permits@tn.gov

EFO	Street Address	Zip Code	EFO	Street Address	Zip Code
Memphis	8383 Wolf Lake Drive, Bartlett	38133-4119	Cookeville	1221 South Willow Ave.	38506
Jackson	1625 Hollywood Drive	38305-4316	Chattanooga	1301 Riverfront Pkwy., Ste. 206	37402
Nashville	711 R S Gass Boulevard	37243	Knoxville	3711 Middlebrook Pike	37921
Columbia	1421 Hampshire Pike	38401	Johnson City	2305 Silverdale Road	37601

Jackson	Nashville	Cookeville	Knoxville	Johnson City
ORIGIN WANTEN HEHRY STONES	m 1 mg	P PORRING	COTT CHAPTER CLASSING	Marion Course
Dian Corner Canada E Conner	CALTHRACOL ANTICAL	MERALD MINTE C HREPLAND	AND MAIN MARKET	COLUMN ST. AST
Deltas Commons	TEM 4 BELLESIND HEVE ALS.	The same	COUDO'S ELOUIS	
SHELDY PAYELIE MORARY MATERIAL	AND SHEE	onwor No.	ones.	
Memphis	Columbia	Chattanoog	POLK a	

OFFICIAL STATE USE ONLY

Received Date:	Permit Number.	Reviewer		Field Office:		
Fee amount paid:	T & F Aquatic Flora and Fauna		Impaired Receiving Stream	Application Review:		
Date:				Deficient Date:		
Check #	Exceptional TN Water			Complete Date:		

SECTION 6 PROJECT DESCRIPTION

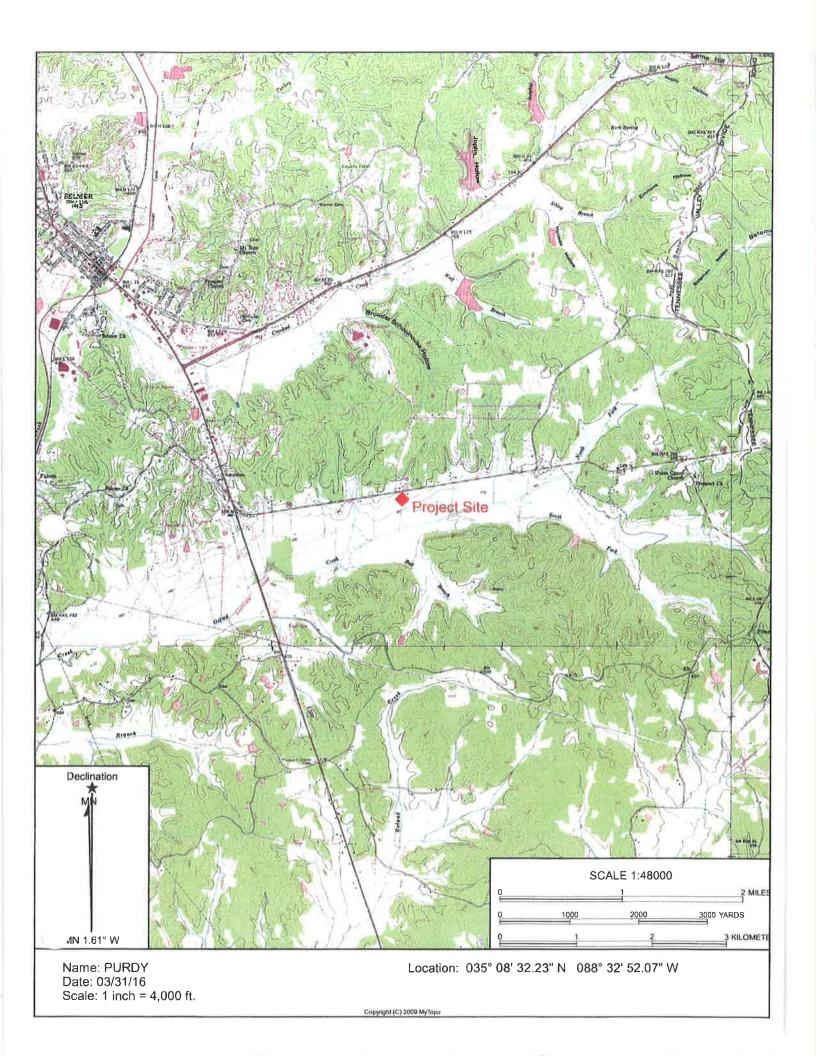
6.1 DESCRIPTION OF THE PROJECT

This project is the construction of a solar farm on the south side of 142 as shown on Sheets EPSC 4.6 and 4.7 in Section 8.1 of this application. As part of the project, the following activities will be required:

- The installation of a 60" HDPE pipe in a north-south tributary to Oxford Creek. This is required to
 provide vehicular access to the property on both the east and west sides of the lateral to Oxford
 Creek.
- 2. As part of the SWPPP for the Solar Farm construction, there will be three (3) sedimentation basins. Each sedimentation basin will have an outfall that discharges into Oxford Creek. See Sheet EPSC 4, 6, & 7.
- 3. There will also be a ditch on the north and west side of the site which diverts water from the north side of Highway 142 so that it does not go into the sedimentation basins. See Sheet EPSC 4.

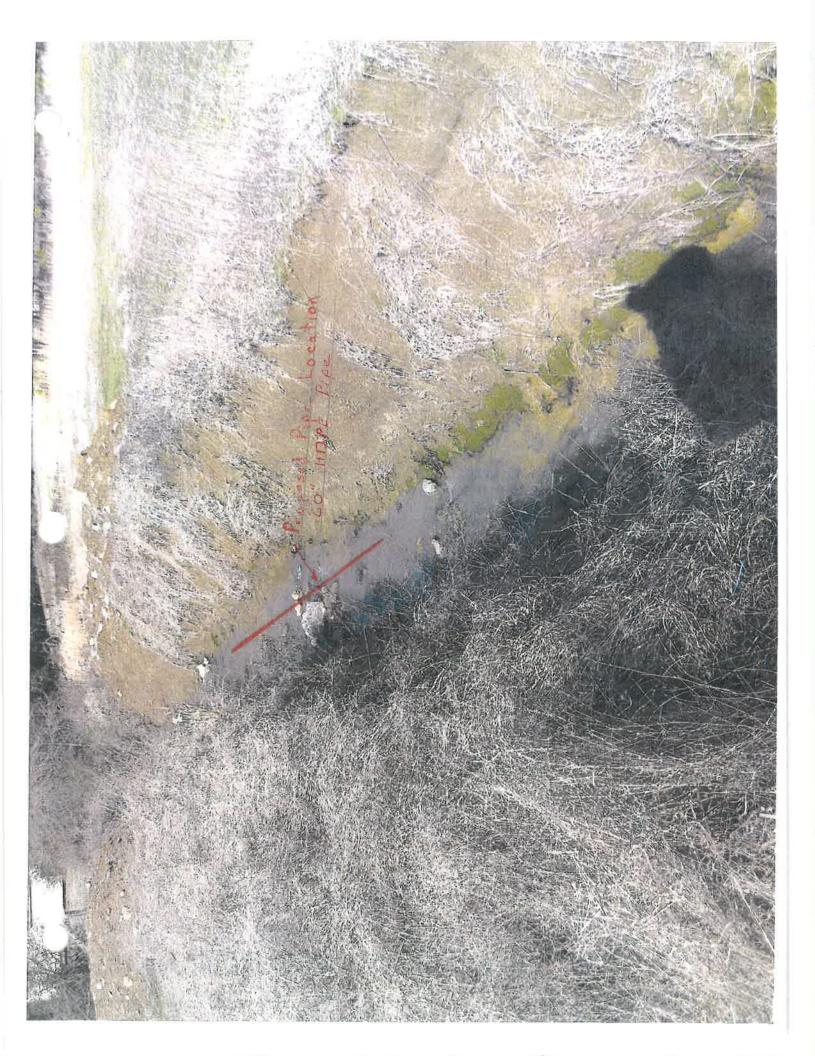
6.2 USGS TOPOGRAPHIC MAP

See Attached



6.3 PHOTOGRAPHS

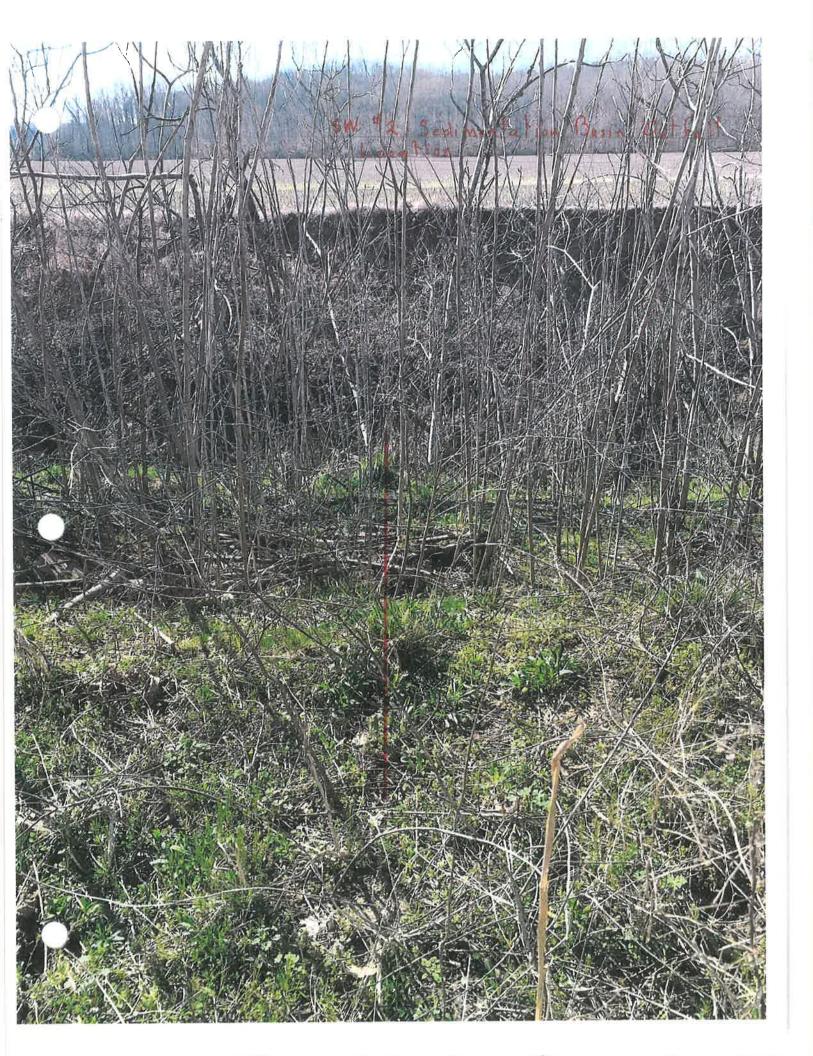
See Attached

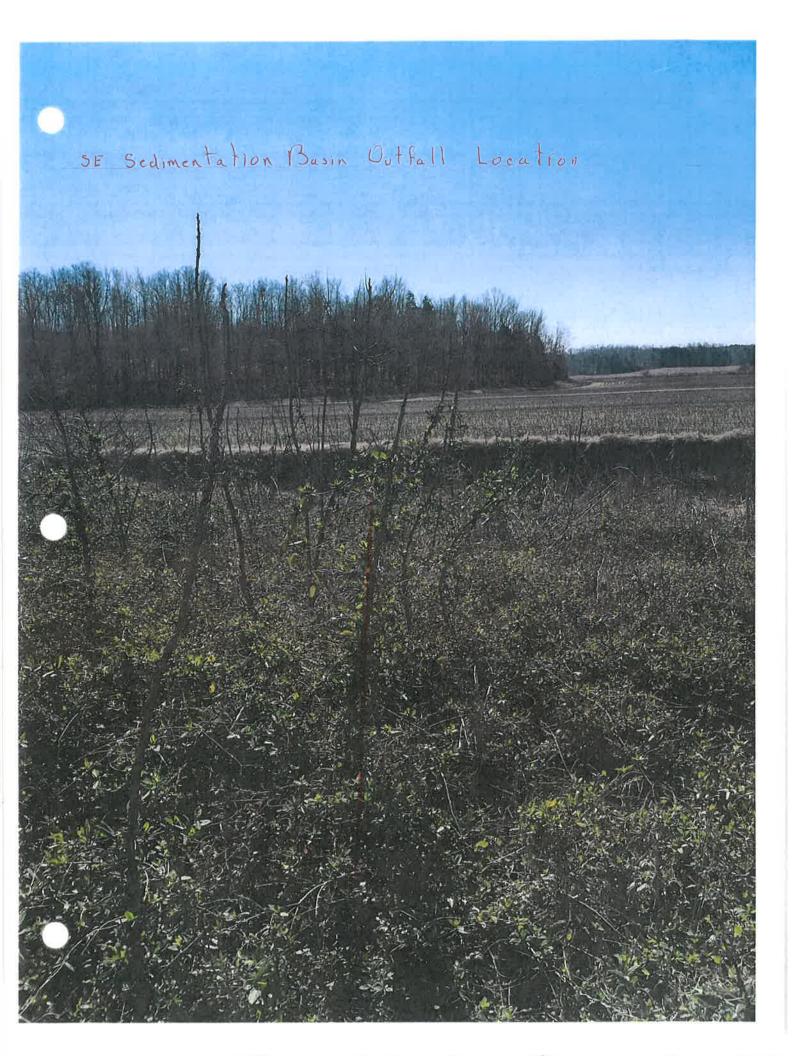












6.4 DESCRIPTION OF EXISTING STREAM

North-South Lateral to Oxford Creek

The existing stream at the proposed location of the 60" HDPE pipe is roughly a V-type ditch and is approximately 20' wide from top of bank to top of bank, and has an average depth of about 6 feet. The very bottom of the stream is elevation 457.5, while the top of bank is about 463.5. Both banks have approximately 2:1 side slopes.

Vegetation along the stream includes various grasses and vines, though in most placed the banks are denuded.

Oxford Creek

Oxford Creek is about 10' to 12' deep. Top width ranges from 30' to 40'. The banks are relatively steep, with the bottom being relatively flat and ranging from 20' to 35' wide. The farmer who has been cultivating the land has constructed a 1' to 3' high berm along the north top of bank. The banks are heavily vegetated with weeds, bamboo, willows and birches. The bottom elevation varies from about 440 to 445.

Soils in this area are silt loams. Typically stream bottoms in this area are highly sandy.

6.5 DESCRIPTION OF PROPOSED STREAM

North-South Lateral to Oxford Creek

Since the existing stream is basically a V-type ditch, the bottom will be widened to approximately 8' to accommodate the 60" HDPE pipe. From that point, the slopes will cut to match the existing top of bank on each side. The pipe and headwalls will then be backfilled with compacted granular material. The disturbed areas will then be covered with topsoil, seeded, and mulched.

Detailed plans and section are shown in Section 8.1 of this Permit Application.

Oxford Creek

For each of the four outfalls, a v-notch ditch will be cut through the existing north bank at the location show. There will be no disturbance to the bottom or the south bank. Grading plans are shown on EPSC 4, 6, and 7.

6.6 WETLANDS

There are no wetlands associated with this project,

6.8 HYDROLOGIC OR JURISDICTIONAL DETERMINATION

There is no hydrologic or jurisdictional determination associated with this project.

SECTION 7. PROJECT RATIONAL

North-South Lateral to Oxford Creek

The site is essentially split into two halves by the existing ditch. Access to the site is off TN Hwy. 142. After grading for the installation of the solar panels, there will be a very steep slope south of TN Hwy. 142 on the eastern half. This slope will be too steep for vehicles to access TN Hwy. 142. Access to the site will have to be on the western half of the site. Thus, the only way to access the eastern half will be by way of a road crossing the existing ditch, which is why a 60" HDPE pipe is required.

Oxford Creek

All of the existing runoff is going to Oxford Creek now. With the construction of the diversion ditch and sedimentation basin outfalls, the flow will continue to discharge to Oxford Creek, but it will be concentrated at the four locations.

SECTION 8. TECHNICAL INFORMATION

8.1 PLANS

The following sheet shows the plan view and elevation view of the proposed road crossing and the 60' HDPE pipe. Sheets EPSC 4, 6, and 7 show the grading plans and sedimentation basins.

8.2 SEQUENCE OF EVENTS AND CONSTRUCTION METHOD

North-South Lateral to Oxford Creek

- 1. Clean the ditch sides and bottoms of vegetation.
- 2. Grade bottom and install bedding for 60" HDPE pipe.
- 3. Place 60" HDPE pipe in ditch.
- 4. Install precast headwalls on both ends of pipe.
- 5. Install and compact backfill.
- 6. Place gravel for maintenance road.
- 7. Seed and mulch all disturbed area.

Oxford Creek

- 1. Existing vegetation will be removed at the location of each outfall.
- 2. The bank will be graded to the proposed contours.
- 3. All disturbed areas will be seeded and mulched.

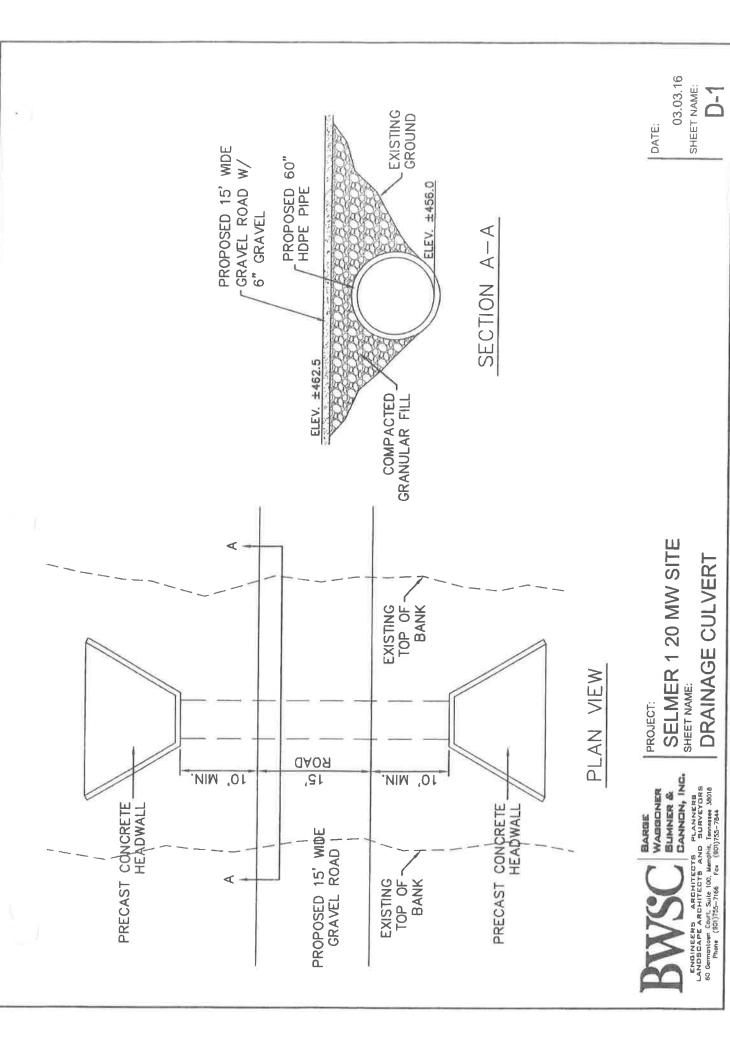
8.3 EROSION PREVENTION AND SEDIMENT CONTROL

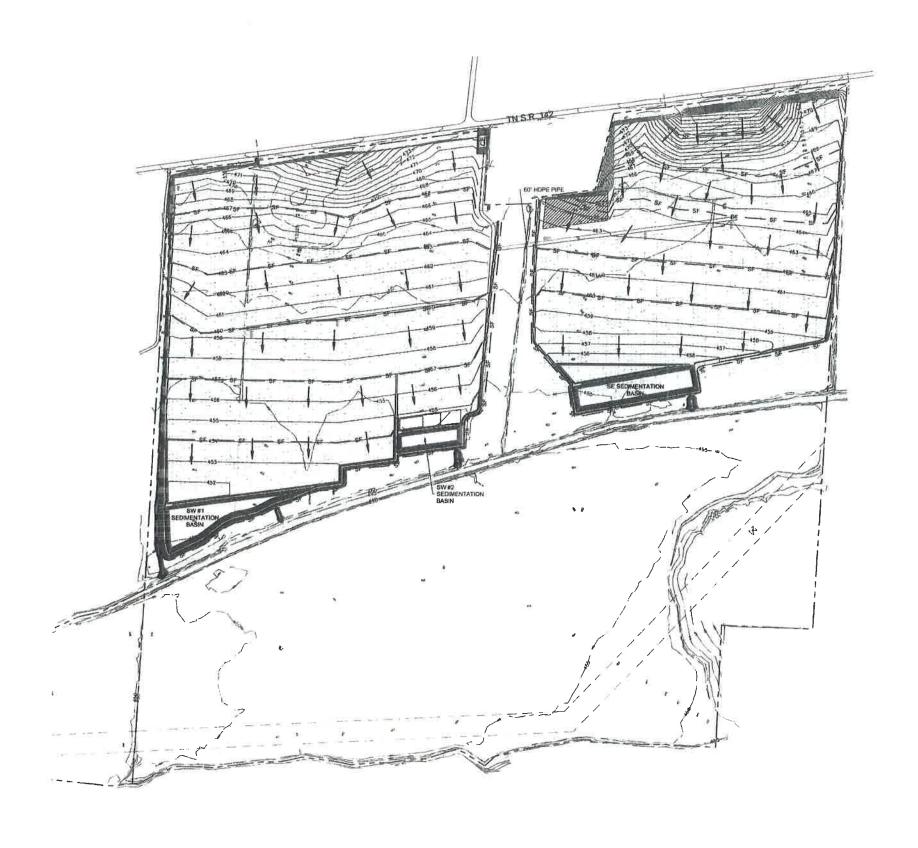
North-South Lateral to Oxford Creek

Installation of the pipe, headwalls and gravel road should take less than 2 days and will have to be done under dry conditions in order to get adequate compaction. Once construction is complete, all disturbed areas will be covered with topsoil, seeded, and mulched. The site will be fertilized and watered until there is an adequate stand of vegetation.

Oxford Creek

A detailed SWPPP has been submitted to TDEC for their review, which includes the diversion ditch, the sedimentation basins, and their respective outfalls.





EROSION CONTROL NOTES:

- ALL EROSION CONTROL SHALL BE FURNISHED AND MAINTAINED IN ACCORDANCE WITH THE REQUIREMENTS SETFORTH IN THE TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION "EROSION AND SECURION" CONTROL HANDBOOK.

 IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL REQUIRED PERMITS INCLUDING TIDE ON PICES STORM WATER CONSTRUCTION PERMIT) HAVE BEEN ORTAINED PRIOR TO BEGINNING ANY CONSTRUCTION OR OTHER ACTIVITY ON THE SITE.

 A SPECIFIC INJURY LABALL BE DESIGNATED TO EXPRESSEE.

- CONSTRUCTION PERMIT) HAVE BEEN OBTAINED PRIOR TO BEGINNING ANY CONSTRUCTION OR OTHER ACTIVITY ON THE SITE SEGISMATED TO BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS ON EACH PROJECT SITE FOR EROSION AND SEDIMENT CONTROLS ON EACH PROJECT SITE THE CONTRACTOR FAILL BE RESPONSIBLE FOR MAINTAINING SOUL EROSION CONTROL MEASURES AS NOTED ON THE PLANS AND AS REQUESTED BY THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR MAINTAINING THE REOURSEMENTS OF THE STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION AS SET FORTH IN THE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK ALL SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONTROL HANDBOOK ALL SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONTROL STATE OF THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHTS-OF-WAY THE CONTRACTOR SHALL MAINTAIN ALD GOT ALL MAINTENANCE ACTIVITIES FOR THE EROSION CONTROL ELEMENTS AS REQUIRED BY THE STATE OF TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION.

 A COOPY OF THE EROSION CONTROL PLAN MUST BE AVAILABLE ON SITE FOR THE TIENESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION.

 EROSION AND SEDIMENT CONTROL PLAN MUST BE AVAILABLE ON SITE FOR THE TIECE INSPECTOR ON REQUEST.

 EROSION AND SEDIMENT CONTROL PLAN MUST BE REPLACED AT THE EROSION OF THE WORK DAY, BUT MUST BE REPLACED AT THE EROSION OF THE WORK DAY, BUT MUST BE REPLACED AT THE EROSION OF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WORK DAY, BUT MUST BE REPLACED AT THE EROOF THE WO

- ACTUAL LOCATION OF THE CONSTRUCTION EXIT PAD WILL BE DETERMINED BY THE CONTRACTOR
 ALL GRADED AREAS SHALL BE SEEDED UPON COMPLETION OF WORK IN THAT AREA.

NOTE: SEED AND MULCH ALL DISTURBED AREAS. AN ACCEPTABLE STAND OF VEGETATION WILL BE ESTABLISHED BEFORE PROCEEDING WITH PHASE 5.

EXISTING CONTOUR

LEGEND SEDIMENTATION BASINS RCE F CONSTRUCTION EXIT PAD --- PROPOSED CONTOUR

SURVEY NOTE
BWSC DID NOT PERFORM ANY EXISTING
TOPOGRAPHIC OR BOUNDARY
SURVEYING AS PART OF THIS DESIGN
ALL EXISTING SURVEY DATA WAS
SUPPLIED BY THE OWNER

BENCHMARK INFORMATION WILL BE SUPPLIED TO THE CONTRACTOR BY THE OWNER PRIOR TO CONSTRUCTION



SCALE: 1" = 200"

Know what's below Call before you dig 811

EPSC-FILE NO. 3626801

M⊈CARTH

SITE

20MW

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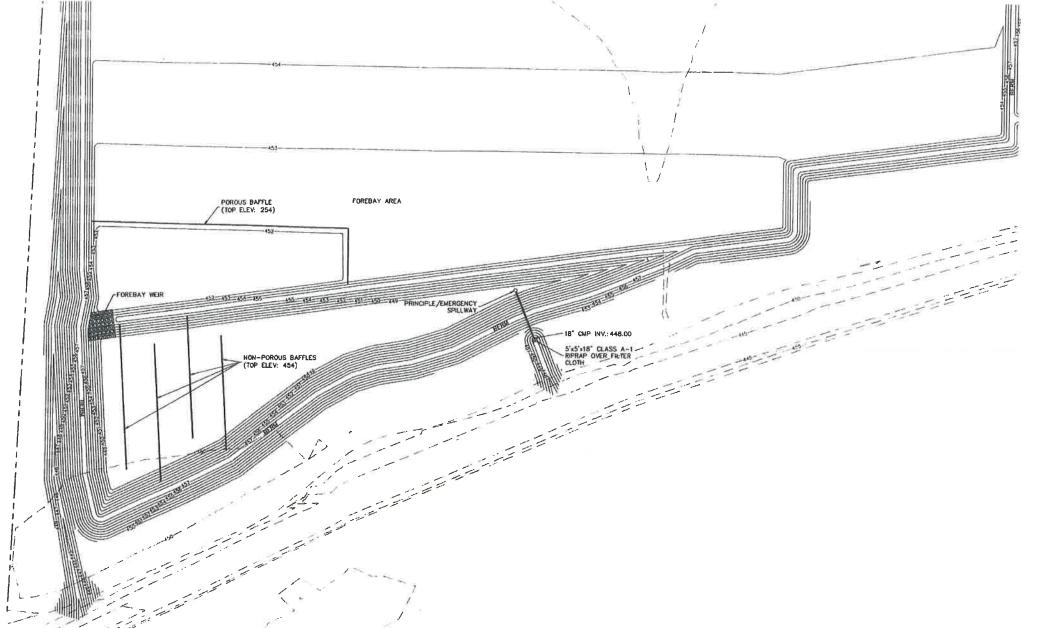
ELMER

S

Selmer -

PHASE

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SW #1 SEDIMENTATION BASIN

5W #1 SedImentation Basin	
Total Disturbed Area Draining to Basin	40.2 A
Q for 5-Year, 24-Hour Storm	
iction 3-real, 24-nour Storm	7.7 CF
Q for 25-Year, 24-Hour Storm	10.4 CF
Basin L:W Ratio	4 1:1 w/baffle
Required Wet Storage Volume	145,444 C
Provided Wet Storage Volume	156,798 C
Bottom of Wet Storage Volume	44
Top of Wet Storage Volume	45.
Required Dry Storage Volume	145,444 C
Provided Dry Storage Volume	371,736 C
Bottom of Dry Storage Volume	453
Top of Dry Storage Volume	454
Required Foredbay Storage Volume	36,361 CI
Provided Forebay Storage Volume	244,320 CI
Time for Dewatering Dry Storage Volume	3 Days
Required Dewatering Discharge Rate	123,912 CF/Day
Provided Dewatering Discharge Rate	195,956 CF/Day
Forebay Spillway Elevation	453.5
Water Elevation Over Spillway for 5-Year, 24-Hour Storm	453.90
Principal/Emergency Spillway Elevation	45.
Water Elevation Over Spillway for 25-Year, 24-Hour	454
Storm	454,67
op of Outer Berm Elevation	457

NOTE: SEE SHEETS EPSC-8 & EPSC-9 FOR DETAILS

SCALE: 1" = 50"

SURVEY NOTE BYASC DID NOT PERFORM ANY EXISTING TOPOGRAPHIC OR BOUNDARY SURVEYING AS PART OF THIS DESIGN ALL EXISTING SURVEY DATA WAS SUPPLIED BY THE OWNER

BENCHMARK INFORMATION WILL BE SUPPLIED TO THE CONTRACTOR BY THE OWNER PRIOR TO CONSTRUCTION



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811
www.call811.com

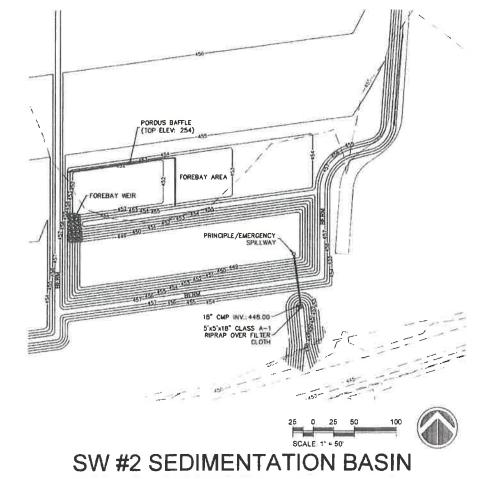
SEDIMENTATION BASIN

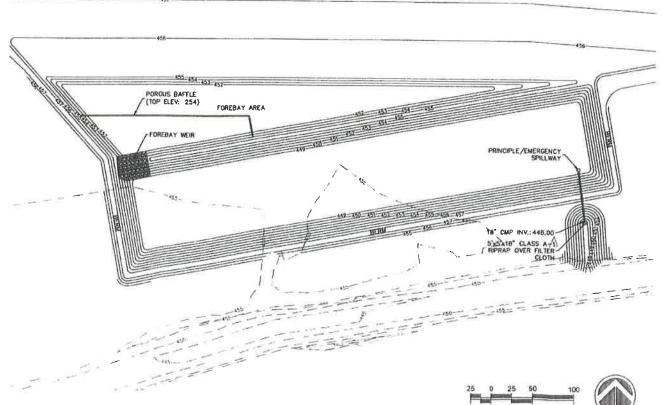
SELMER 1 20MW SITE Selmer TN

SW #2 Sedimentation Basin	т
Total Disturbed Area Draining to Basin	13.8 A
Q for S-Year, 24-Hour Storm	2.65 CF5
Q for 25-Year, 24-Hour Storm	3.56 CFS
Basin L:W Ratio	4.9:1
Required Wet Storage Volume	49,298 CF
Provided Wet Storage Volume	53,184 CF
Bottom of Wet Storage Volume	449
Top of Wet Storage Volume	452
Required Dry Storage Volume	49,298 CF
Provided Dry Storage Volume	65,50B CF
Bottom of Dry Storage Volume	452
Top of Dry Storage Volume	454
Required Foredbay Storage Volume	12,482 CF
Provided Forebay Storage Volume	20,952 CF
Time for Dewatering Dry Storage Volume	3 Days
Required Dewatering Discharge Rate	21,836 CF/Day
Provided Dewatering Discharge Rate	32,832 CF/Day*
Forebay Spillway Elevation	453.5
Water Elevation Over Spillway for 5-Year, 24-Hour Storm	453.81
Principal/Emergency Spillway Elevation	454
Water Elevation Over Spillway for 25-Year, 24-Hour Storm	454,33
Top of Outer Berm Elevation	457
Note: *Based on 5" Faircloth Skimmer	

NOTE:	SEE	SHEETS	EPSC-8	å	EPSC-9	FOR	DETAILS	
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SE Sedimentation Basin	
Total Disturbed Area Draining to Basin	4
Q for 5-Year, 24-Hour Storm	8 45 CF
	0,4501
Q for 25-Year, 24-Hour Storm	11,34 CF:
Basin L:W Ratio	6.4
Required Wet Storage Volume	159,192 CF
Provided Wet Storage Volume	161,025 CF
Bottom of Wet Storage Volume	449
Top of Wet Storage Volume	452
Required Dry Storage Volume	159,192 CF
Provided Dry Storage Volume	167,398 CF
Bottom of Dry Storage Volume	452
Top of Dry Storage Volume	454
Required Foredbay Storage Volume	39,798 CF
Provided Forebay Storage Volume	47,500 CF
Time for Dewatering Dry Storage Volume	3 Days
Required Dewatering Discharge Rate	55,799 CF/Day
Provided Dewatering Discharge Rete	97,978 CF/Day
Forebay Spillway Elevation	453.5
Water Elevation Over Spillway for 5-Year, 24-Hour Storm	453,93
Principal/Emergency Spillway Elevation	454
Water Elevation Over Spillway for 25-Year, 24-Hour Storm	454.71
Top of Outer Berm Elevation	457
Note: *Based on 8" Faircloth Skimmer	





SE SEDIMENTATION BASIN

SURVEY NOTE
BWSC DID NOT PERFORM ANY EXISTING
TOPOGRAPHIC OR BOUNDARY
SURVEYING AS PART OF THIS DESIGN
ALL EXISTING SURVEY DATA WAS
SUPPLIED BY THE OWNER

BENCHMARK INFORMATION WILL BE SUPPLIED TO THE CONTRACTOR BY THE OWNER PRIOR TO CONSTRUCTION



Know wher's below Call before you dig. 811

EPSC-

SEDIMENTATION BASIN

SELMER 1 20MW SITE Selmer TN

SECTION 10. DETAILED ALTERNATIVE ANALYSIS Not Applicable (Section 9c. was not checked)

SECTION 11. COMPENSATORY MITIGATION

Not Applicable (No mitigation required)