

**GP-4-10-001 COMPLIANCE NOTES:**  
**PRELIMINARY EROSION AND SEDIMENT CONTROL NOTES:**

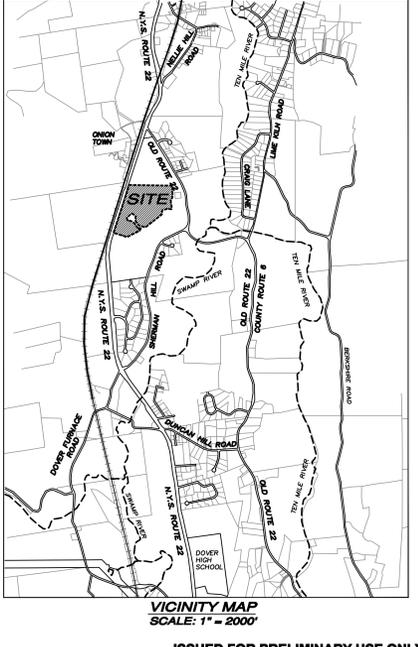
1. SITE CONSTRUCTION WILL NEED TO PROCEED WITH GREATER THAN 5-ACRES OF SOIL DISTURBED AT A GIVEN TIME. AS THE DEVELOPMENT PLAN IS REFINED DURING THE SITE PLAN REVIEW AND PERMITTING PROCESS, A REQUESTOR TO DISTURB GREATER THAN 5-ACRES OF SOIL WILL BE REQUESTED FROM THE NYSDDEC.
2. THE PROJECT SHALL NOT DISTURB 20 OR MORE ACRES OF LAND AT ONE TIME FOLLOWING AUGUST 1, 2011, AND SHALL NOT DISTURB MORE THAN 10 OR MORE ACRES OF LAND AT ONE TIME FOLLOWING FEBRUARY 2, 2014. SHOULD THE PROJECT DISTURB MORE THAN THE SPECIFIED AREAS DURING THE TIME PERIODS LISTED HEREIN, PROJECT SPONSOR SHALL SAMPLE STORM WATER DISCHARGES AND REPORT LEVELS OF TURBIDITY IN THE DISCHARGES IN ACCORDANCE WITH REQUIREMENTS AND METHODS TO BE ESTABLISHED BY THE ENVIRONMENTAL PROTECTION AGENCY.
3. BECAUSE THIS PROJECT WILL INVOLVE THE DISTURBANCE OF GREATER THAN FIVE ACRES OF SOIL AT ANY ONE TIME, SITE INSPECTIONS SHALL OCCUR AT AN INTERVAL OF AT LEAST TWICE EVERY SEVEN CALENDAR DAYS, WITH THE INSPECTIONS SEPARATED BY A MINIMUM OF AT LEAST TWO FULL CALENDAR DAYS.

**PRELIMINARY EROSION AND SEDIMENT CONTROL CONSTRUCTION SEQUENCING SCHEDULE**

- PRE-CONSTRUCTION:**
1. SCHEDULE A PRE-CONSTRUCTION MEETING WHICH SHALL INCLUDE THE TOWN OF DOVER AUTHORIZED REPRESENTATIVE, GPESC\*, CONTRACTOR AND ANY INVOLVED SUBCONTRACTORS TO DISCUSS RESPONSIBILITIES AS THEY RELATE TO THE IMPLEMENTATION OF THE SWPPP.
  2. ESTABLISH THE STABILIZED CONSTRUCTION ENTRANCE AS SHOWN ON THIS SHEET.
  3. INSTALL SILT FENCE BARRIERS AS SHOWN ON THIS SHEET.
  4. INSTALL CLOTH MESH FENCE BARRIER ALONG WESTERN PORTION OF THE PROJECT SITE TO PREVENT ANTICIPATED POTENTIAL OF TIMBER RATTLE SNAKES ENTERING CONSTRUCTION SITE PER HABITAT ASSESSMENT REPORT BY TERRESTRIAL ENVIRONMENTAL SPECIALISTS, INC. TO ARCHIVED DATED DECEMBER 29, 2010. CLOTH MESH FENCE SHALL BE INSTALLED SIMILAR TO THE MEANS AND METHODS USED TO INSTALL SILT FENCE. DO NOT USE WOVEN WIRE MESH TO SUPPORT THE CLOTH MESH FENCE.
- BEFORE TO GRADING ACTIVITIES:**
1. SCHEDULE A "PRIOR TO GRADING ACTIVITIES" MEETING WHICH SHALL INCLUDE THE TOWN OF DOVER AUTHORIZED REPRESENTATIVE, GPESC\*, CONTRACTOR AND ANY INVOLVED SUBCONTRACTORS TO DISCUSS RESPONSIBILITIES AS THEY RELATE TO THE IMPLEMENTATION OF THE SWPPP.
  2. DELINEATE SOIL STOCKPILE AREA AND ESTABLISH SILT FENCE BARRIER AROUND THE PERIMETER.
  3. REPAIR SILT FENCE AND STABILIZED CONSTRUCTION AS DEEMED NECESSARY. INSTALL ADDITIONAL SILT FENCE FOR CONSTRUCTION OF RIP-RAP SEDIMENT TRAPS.
  4. INITIATE CONSTRUCTION TEMPORARY SEDIMENT CONTROL AND DETENTION FACILITY 18 AND ASSOCIATED DIVERSION SWALE AND OUTLETS. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALE AND INSTALL CHECK DAMS.
  5. INITIATE CONSTRUCTION TEMPORARY RIP-RAP SEDIMENT TRAP 2B AND ASSOCIATED DIVERSION SWALES, AND OUTLETS. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALE AND INSTALL CHECK DAMS.
  6. INITIATE CONSTRUCTION TEMPORARY RIP-RAP SEDIMENT TRAP 3 AND ASSOCIATED DIVERSION SWALES AND OUTLETS. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALE AND INSTALL CHECK DAMS.
  7. INITIATE CONSTRUCTION TEMPORARY RIP-RAP SEDIMENT TRAP 2A AND ASSOCIATED DIVERSION SWALES AND OUTLETS. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALE AND INSTALL CHECK DAMS.
  8. INITIATE CONSTRUCTION TEMPORARY RIP-RAP SEDIMENT TRAP 1A AND ASSOCIATED DIVERSION SWALES AND OUTLETS. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALE AND INSTALL CHECK DAMS.
  9. EXCESS TOPSOIL / MATERIAL TO BE STOCKPILED WITHIN THE AREA OF DESIGNATED FOR SAID ACTIVITIES.
  10. PRIOR TO COMMENCEMENT OF SITE GRADING ACTIVITIES, CONTACT GPESC\* AND TOWN OF DOVER AUTHORIZED REPRESENTATIVE TO CONDUCT AN ASSESSMENT OF THE SITE AND CERTIFY THAT THE APPROPRIATE EROSION AND SEDIMENT CONTROL STRUCTURES HAVE BEEN ABSOLUTELY INSTALLED, CONSTRUCTED, AND IMPLEMENTED. DO NOT PROCEED WITH GRADING ACTIVITIES UNTIL GPESC CERTIFIES THE INSTALLATION OF THE EROSION AND SEDIMENT CONTROL MEASURES.
  12. CONSTRUCT PERMANENT DIVERSION SWALES. PROVIDE TEMPORARY SEEDING OF DIVERSION SWALES AND CONSTRUCT ALL TEMPORARY CHECK DAMS AS INDICATED ON THE PLANS.
- \* GPESC = QUALIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL, AS DESCRIBED WITHIN THE NYSDDEC SPDES GENERAL PERMIT FOR STORMWATER DISCHARGES FROM CONSTRUCTION ACTIVITY NUMBER GP-10-10-001.

**SEDIMENT FACILITIES DESIGN**

<b>TEMPORARY SEDIMENT CONTROL &amp; DETENTION FACILITY #1A</b> DRAINAGE AREA (DA)=3.38 ACRES SEDIMENT VOLUME REQUIRED= (DA)*5,000 CF OF SEDIMENT VOLUME REQ.=17,190 CF SEDIMENT VOLUME PROVIDED: ELEV. 381.75=12,896 CF TOP OF PRACTICE=381.00 START 9' FREEBOARD=384.25 RIP RAP OUTLET=382.25 BOTTOM OF PRACTICE=380.00 LENGTH OF WEIR=16.00 DEPTH OF WEIR=1.5'
<b>TEMPORARY SEDIMENT CONTROL &amp; DETENTION FACILITY #1B</b> DRAINAGE AREA (DA)=6.69 ACRES SEDIMENT VOLUME REQUIRED= (DA)*5,000 CF OF SEDIMENT VOLUME REQ.=33,450 CF SEDIMENT VOLUME PROVIDED: ELEV. 379.75=24,916 CF TOP OF PRACTICE=382.25 START 9' FREEBOARD=385.25 RIP RAP OUTLET=380.75 BOTTOM OF PRACTICE=378.00 LENGTH OF WEIR=16.00 DEPTH OF WEIR=1.5'
<b>TEMPORARY SEDIMENT CONTROL &amp; DETENTION FACILITY #2A</b> DRAINAGE AREA (DA)=14.2 ACRES SEDIMENT VOLUME REQUIRED= (DA)*5,000 CF OF SEDIMENT VOLUME REQ.=71,000 CF SEDIMENT VOLUME PROVIDED: ELEV. 382.25=5,768 CF TOP OF PRACTICE=384.75 START 9' FREEBOARD=387.75 RIP RAP OUTLET=381.00 BOTTOM OF PRACTICE=380.00 LENGTH OF WEIR=16.00 DEPTH OF WEIR=1.5'
<b>TEMPORARY RIP-RAP OUTLET SEDIMENT TRAP #2B</b> DRAINAGE AREA (DA)=10.91 ACRES SEDIMENT VOLUME REQUIRED= (DA)*5,000 CF OF SEDIMENT VOLUME REQ.=54,550 CF SEDIMENT VOLUME PROVIDED: ELEV. 382.25=48,203 CF TOP OF PRACTICE=383.25 START 12' FREEBOARD=385.25 RIP RAP OUTLET=380.25 BOTTOM OF PRACTICE=378.00 LENGTH OF WEIR=14.00 DEPTH OF WEIR=2.0'
<b>TEMPORARY RIP-RAP OUTLET SEDIMENT TRAP #3</b> DRAINAGE AREA (DA)=3.71 ACRES SEDIMENT VOLUME REQUIRED= (DA)*5,000 CF OF SEDIMENT VOLUME REQ.=18,800 CF SEDIMENT VOLUME PROVIDED: ELEV. 380.25=23,239 CF TOP OF PRACTICE=382.75 START 9' FREEBOARD=387.75 RIP RAP OUTLET=381.25 BOTTOM OF PRACTICE=378.00 LENGTH OF WEIR=12.00 DEPTH OF WEIR=1.5'



PROJECT NAME  
 CRICKET VALLEY ENERGY - REMOTE LAYDOWN SITE

DEVELOPER  
 CRICKET VALLEY ENERGY CENTER, LLC.

OWNER OF RECORD  
 JAMES MUNCY  
 344 LAKE ELLIS RD  
 WINGDALE, NEW YORK 12594

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**THE Chazen COMPANIES**  
 Engineers/Surveyors  
 Planners  
 Environmental Scientists  
 Landscape Architects

**CHAZEN ENGINEERING, LAND SURVEYING & LANDSCAPE ARCHITECTURE CO., P.C.**

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REV.	DATE	REVISIONS PER TOWN & CLIENT COMMENTS	DESCRIPTION
1	04/24/12		
2	05/14/12		

**CRICKET VALLEY ENERGY  
 REMOTE LAYDOWN SITE**

**PRELIMINARY EROSION & SEDIMENT CONTROL PLAN  
 PRIOR TO CONSTRUCTION**

NYS ROUTE 22, TOWN OF DOVER PLAINS, DUTCHESS COUNTY, NEW YORK

ISSUED FOR PRELIMINARY USE ONLY

Drawn	Checked
Site	Scale
02/24/12	1"=50'
Project No.	
81001.01	
Sheet No.	
SP3A	

Drawing Name: S:\1818000-81009\81001.DWG;MUNCY\01-PLAN\_SPA\_81001-01\_EBOS-PRIOR-MUNCY.dwg  
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 Date Plotted: May 10, 2012, 3:19pm