

**CROSS CREEK COUNTY PARK UNIT  
EXHIBIT "A"**

LEASE NAME	LEASE DATE	BOOK/PAGE/ INSTRUMENT	ACRES ON LEASE	ACRES IN UNIT	ROYALTY PARTICIPATION
County of Washington, Pennsylvania Tax #350-005-00-00-0006-00 Tax #350-005-00-00-0005-01 Pt. of Tax #350-005-00-00-0001-00 37-125-0350	03/10/2003	200330493	2,411.000	147.894	147.894/422.195
John F. & Martha M. Hiesel Tax #350-005-00-00-0005-02 37-125-1007	11/08/2005	200703812	4.724	4.724	4.724/422.195
Martha M. Hiesel, et. al. Tax #350-010-00-00-0001-00 Pt. of Tax #350-006-00-00-0014-00 37-125-0584	11/19/2005	200602702	218.300	146.156	146.156/422.195
Chris S. Hamilton, et. al. Pt. of Tax #350-005-00-00-0005-00 37-125-0588	11/19/2005	200602700	160.980	123.421	123.421/422.195

\*Deeded acreage

**TOTAL UNIT ACREAGE:**

**422.195**

RECEIVED

SEP 11 2008

DEP. SOUTHWEST REGION  
OIL & GAS

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AUG 26 2008

DEP. SOUTHWEST REGION  
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County of Washington, Pennsylvania Tax #350-005-00-0006-00 Tax #350-005-00-00005-01 Pt. of Tax #350-005-00-00001-00 37-125-0350	03/10/2003	200330493	2,411.000	147.894	147.894/422.195
John F. & Martha M. Helsel Tax #350-005-00-00005-02 37-125-1007	11/08/2005	200703812	4.724	4.724	4.724/422.195
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UNT

**CROSS CREEK COUNTY PARK UNIT #14H, #15H, #16H  
DECLARATION OF POOLING AND UNITIZATION**

COMMONWEALTH OF PENNSYLVANIA:  
COUNTY OF WASHINGTON :

KNOW ALL MEN BY THESE PRESENTS THAT:

WHEREAS, RANGE RESOURCES - APPALACHIA, LLC (fka Great Lakes Energy Partners, L.L.C.), a Delaware limited liability company, whose mailing address is P.O. Box 550 Harville, Ohio 44632, is the owner (to the extent necessary to execute this instrument) of the oil and gas leases covering lands in Cross Creek Township, Washington County, Pennsylvania, as scheduled on Exhibit "A" attached hereto and made a part hereof, and

WHEREAS, the leases are valid and subsisting.


NOW, THEREFORE, RANGE RESOURCES - APPALACHIA, LLC (fka Great Lakes Energy Partners, L.L.C.), acting pursuant to and under the pooling provisions of each of the oil and gas leases described on Exhibit "A", does by this act and by these presents hereby pool, combine, and unitize said leases to form a drilling and production unit, **INSOFAR AND ONLY INSOFAR** as said leases cover, affect, and pertain to any part of the lands included within that certain 422.195-acre unit depicted on Exhibit "B" attached hereto and made a part hereof, so as to form a single operating unit for the drilling, development and production of oil and/or natural gas **INSOFAR AND ONLY INSOFAR** as said leases cover, affect, and pertain to those formations below the top of the Rhinestreet formation.

The royalty distribution for said pooled unit shall be as set forth on Exhibit "A" attached hereto and made a part hereof.

This instrument is executed for the purpose of placing the same of record in Washington County, Pennsylvania, to the end that all parties in interest may be duly notified of the creation of the unit hereinabove described in accordance with the terms and provision of said leases.

IN WITNESS WHEREOF, this instrument is executed on this 5th day of August 2008.

RANGE RESOURCES - APPALACHIA, LLC

By:   
Mark A. Acres, Vice President - Land

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DEF, SOUTHWEST REGION  
OIL & GAS

STATE OF OHIO :  
: SS:  
COUNTY OF PORTAGE :

On this 5th day of August, 2008, before me, the undersigned officer, personally appeared Mark A. Acree, who acknowledged himself to be the Vice President of Land for RANGE RESOURCES – APPALACHIA, LLC., a Delaware limited liability company, and that he as such Vice President of Land being authorized to do so, executed the foregoing instrument for the purpose herein contained by signing the name of the corporation by himself as Vice President of Land.

  
Notary Public



ATHENA PUDLIK, Notary Public  
Residence - Summit County  
State Wide Jurisdiction, Ohio  
My Commission Expires Oct. 14, 2012

This Instrument Prepared By:  
RANGE RESOURCES – APPALACHIA, LLC  
125 St. Rt. 43, P.O. Box 550  
Harville, Ohio 44632-0550  
Cross Creek County Park Unit #14H, #15H, #16H  
Property Nos. 400021284 & 400021285

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DEP, SOUTHWEST REGION  
OIL & GAS

UNT

**CROSS CREEK COUNTY PARK UNIT #14E, #15E, #16H  
DECLARATION OF POOLING AND UNITIZATION**

COMMONWEALTH OF PENNSYLVANIA:  
COUNTY OF WASHINGTON

KNOW ALL MEN BY THESE PRESENTS THAT:

WHEREAS, RANGE RESOURCES - APPALACHIA, LLC (the Great Lakes Energy Partners, L.L.C.), a Delaware limited liability company, whose mailing address is P.O. Box 550 Hartsville, Ohio 44632, is the owner (to the extent necessary to execute this instrument) of the oil and gas leases covering lands in Cross Creek Township, Washington County, Pennsylvania, as scheduled on Exhibit "A" attached hereto and made a part hereof, and

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By:   
Mark A. Acres, Vice President - Land

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DEP, SOUTHWEST REGION  
OIL & GAS

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DEP, SOUTHWEST REGION  
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AUG 11 2008

DEP, SOUTHWEST REGION  
OIL & GAS

STATE OF OHIO :  
: SS:  
COUNTY OF PORTAGE :

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Notary Public



ATHENA PUDLIK, Notary Public  
Residence - Summit County  
State Wide Jurisdiction, Ohio  
My Commission Expires Oct. 14, 2012

This Instrument Prepared By:  
RANGE RESOURCES - APPALACHIA, LLC  
125 St. Rt. 43, P.O. Box 550  
Hartsville, Ohio 44632-0550  
Cross Creek County Park Unit #14H, #15H, #16H  
Property Nos. 400021284 & 400021285

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SEP 11 2008

DEP, SOUTHWEST REGION  
OIL & GAS

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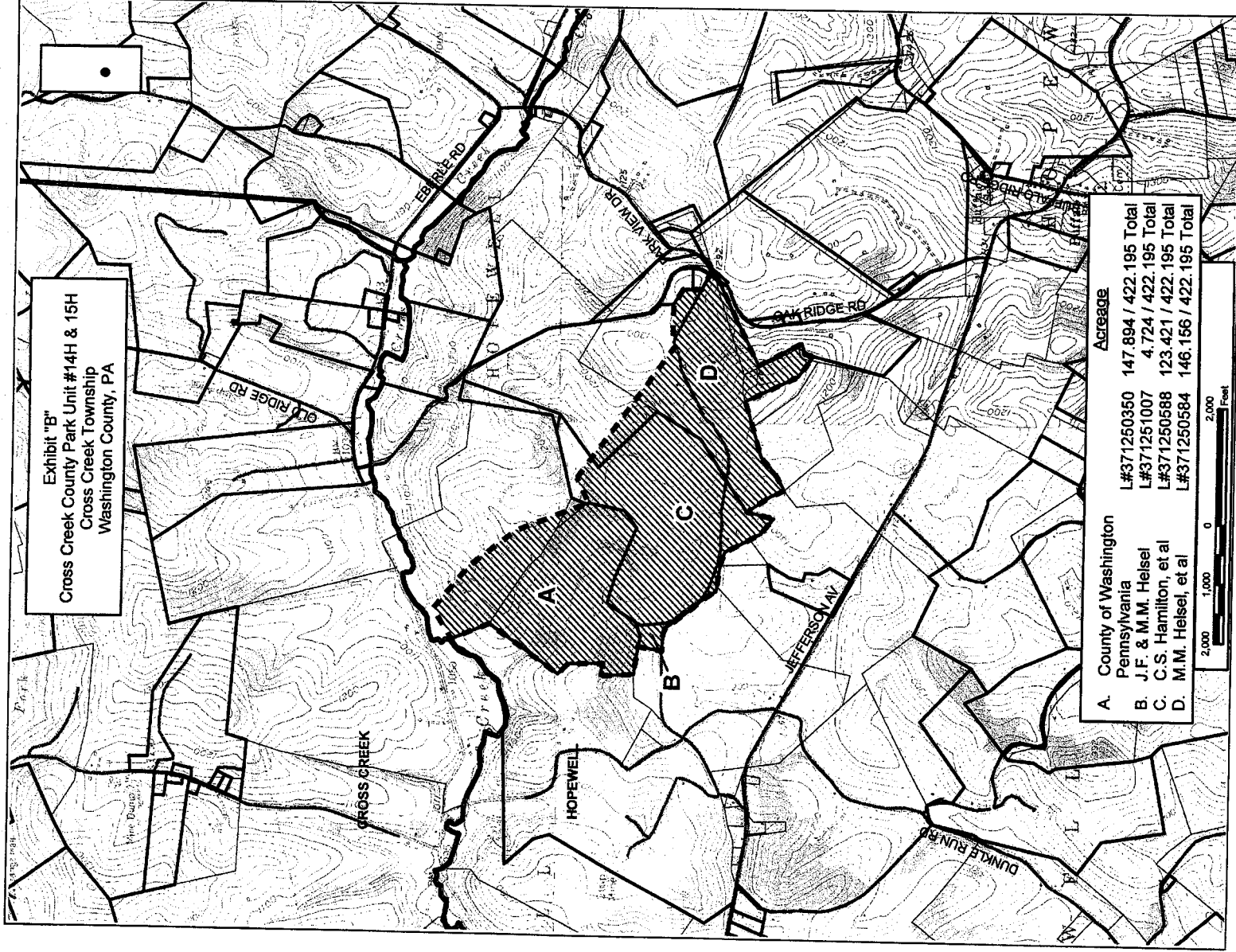
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DEP, SOUTHWEST REGION  
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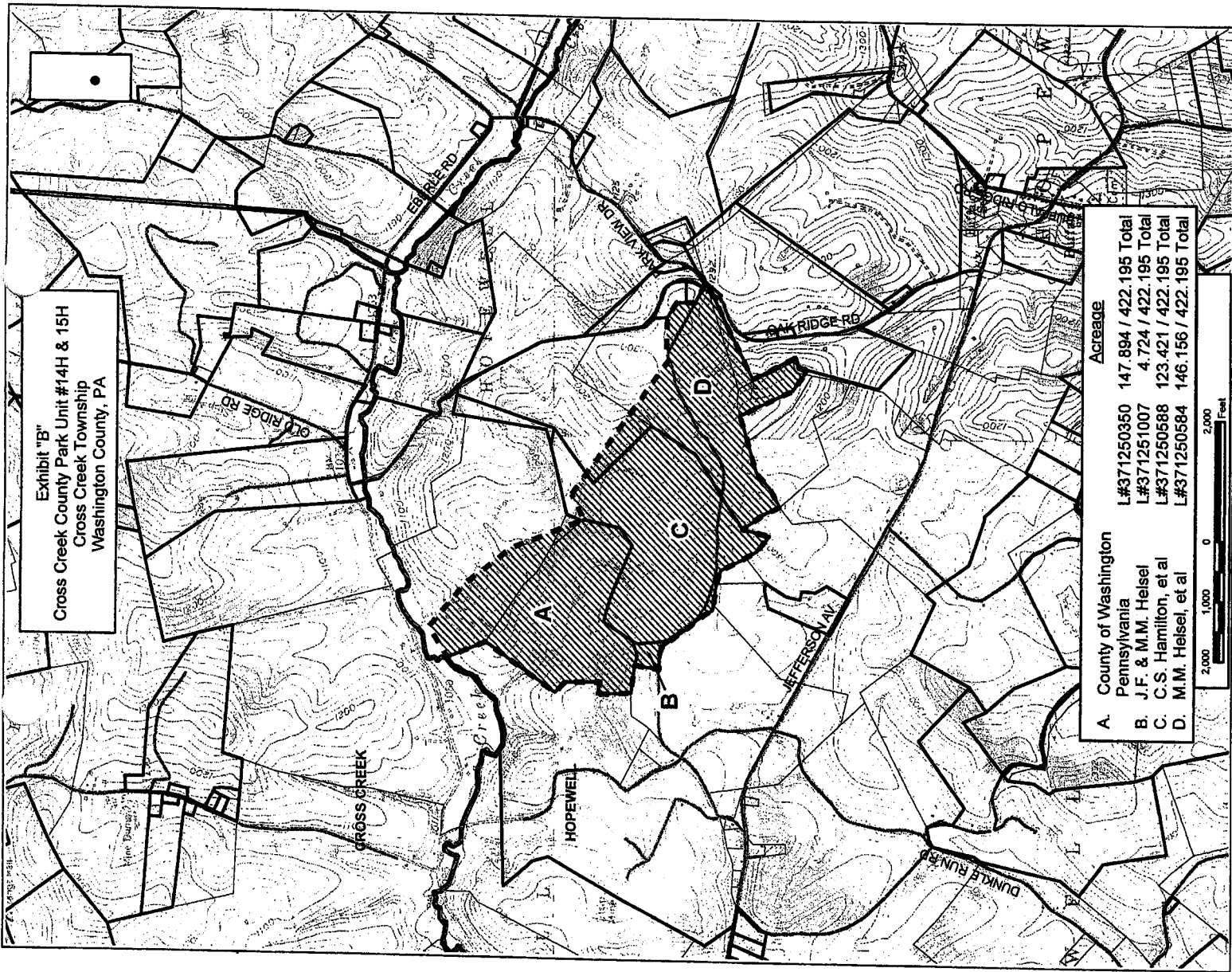
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The operator shall run a complete angular deviation and directional survey of this intentionally deviated well. The deviation survey is to be obtained by a responsible well surveying company and shall be filed with the Department within thirty (30) days after completion of well drilling together with other regularly required reports.

Special Permit Conditions:

Any modification of unit boundaries submitted with the well permit application must comply with the provisions of Section 6 of Act 359 (the Oil and Gas Conservation Law).

**Well Permit Conditions for Water Management Plans (Rev. 9/22/08)  
Some of these conditions may vary slightly if they come from NCRO  
Read over them carefully**

**I. Use when the Well Permit is Issued Before Water Management Plan is Approved:**

The permittee shall not drill the well until the permittee submits to the Department and the Department has approved the method by which the permittee will withdraw, use, store, distribute, process and dispose of water for well drilling and hydraulic fracturing purposes ("Water Management Plan").

**II. Use when the Water Management Plan is Approved at Time of Well Permit Issuance or As a Modification to a Previously Issued Well Permit.**

- A.** The Department has reviewed the Water Management Plan ("Plan") and it is approved subject to the following conditions. The Application Addendum, including the Plan and any supporting data and documents, are hereby incorporated by reference into the gas well permit and are made a part thereof. The permittee shall conduct any activity associated with the gas well in accordance with the approved Plan for this well. Any significant change to the Plan shall be approved by the Department prior to conducting the activity subject to the change in the Plan. This Plan approval does not give any real or personal property rights, either in real estate or material, nor grant any exclusive privileges, nor shall it be construed to grant or confer any right, title, easement or interest in, to or over any land belonging to the Commonwealth of Pennsylvania; neither does it authorize any injury to private property nor invasion of private rights, nor any infringement of Federal, State or Local laws or regulations; nor does it obviate the necessity of obtaining Federal assent when necessary.

**Condition B describes the metering requirement for withdrawals from surface water or groundwater or water obtained through interconnection:**

- B.** Prior to any water withdrawal or use of water obtained through interconnection, the permittee shall install accurate measuring and recording instruments or devices on all sources of supply. The design and layout of the measuring devices shall be approved by the Department prior to installation. The permittee shall operate and maintain accurate measuring and recording devices, accurate to within 5%, on all sources. The permittee shall calibrate meters or other measuring devices used to measure withdrawal water obtained through interconnection at least once every two (2) years, or as otherwise requested by the Department. After calibration, the permittee shall certify to the Department in writing that the accuracy of the measuring device is within five (5) percent of actual flow.
- C.** A bar rack or screen with one-half inch space between bars shall be installed and maintained on the intake line of all surface water sources to prevent entrainment/impingement of aquatic organisms.
- D.** The rate and volume of all withdrawals and/or amount of water obtained through interconnection shall be recorded on a daily basis. The records of daily withdrawals shall be submitted to the Department each month that a water withdrawal occurs and the original field records shall be maintained for five years and made available to the Department upon request.

E. The peak rate of withdrawal at the stream intake [groundwater sources] [water obtained through interconnection] [need to NAME the sources because the WMP] Plan could name several sources] shall not exceed \_\_\_\_\_ MGD and the maximum instantaneous rate of withdrawal shall not exceed \_\_\_\_\_ gpm. [For groundwater: The maximum instantaneous rate of production from Well No. \_\_\_\_\_ (or name) shall not exceed \_\_\_\_\_ gpm.]

**Conditions F and G are to be used when a pass-by-flow is specified**

F. A flow of not less than \_\_\_\_\_ cubic feet per second shall be allowed to pass \_\_\_\_\_ at all times. This flow is equivalent to \_\_\_\_\_ gallons per day. When the stream flow is equal to or less than \_\_\_\_\_ gallons per day, no water may be withdrawn.

G. Prior to any withdrawal, the permittee shall install accurate measuring and recording instruments or devices to determine the amount of flow in the stream channel. The design and layout of the measuring devices shall be approved by the Department prior to installation. The permittee shall operate and maintain accurate measuring and recording devices and maintain accurate records of daily flow readings, including recording the date of withdrawal and the amount of flow in the stream channel at the time of withdrawal. The records of daily flow shall be submitted to the Department each month that a water withdrawal occurs and the original field records shall be maintained for five years and made available to the Department upon request.

H. The permittee shall notify the Southwest Regional Office by telephone at 412-442-4169 at least 48 hours before withdrawing water. The notification must include at a minimum the name of the permittee, the permittee's telephone number, and the date, time and exact location of the withdrawal.

I. Any wastewater generated from the well (including, but not limited to drilling operations, hydrofracing, servicing and plugging) must be disposed at a facility approved by the Department to accept the wastewater. Prior to disposing the wastewater at the plant, a Letter of Intent from the operator of the treatment plant must be obtained including the flow, quality, frequency and duration of wastewater they are capable of handling. The permittee shall record the well site that generated the wastewater, the quality of wastewater to be disposed of, the wastewater treatment facility that accepted the wastewater, the date of disposal and obtain a record from the wastewater treatment facility that documents the volume of wastewater disposed of. Records shall be maintained by the permittee for five years and made available to the Department upon request.

J. The permittee shall register and report any surface or groundwater withdrawal or water obtained through interconnection from one or more points of withdrawal within a watershed operated as a system either concurrently or sequentially in excess of an average rate of 10,000 gpd in a 30-day period, in accordance with the Water Resources Planning Act (Act 220) and the regulations adopted thereunder.

**Conditions K, L and M are optional and are only included if DEP determines that the specified permit is required.**

K. The permittee shall obtain an ESCGP-1 approval before conducting any earth disturbance activities.

- L. The permittee shall obtain a permit pursuant to Chapter 105, Water Obstruction and Encroachment regulations from the Department prior to any temporary or permanent structure or activity resulting in a water obstruction or encroachment occurring in, along, or across or projecting into a watercourse, floodway, wetland, or other body of water.
- M. The permittee shall obtain a Dam Safety permit and/or an Environmental Assessment approval from the Department prior to the construction of the proposed impoundment.