

**CENTRALIZED PIT &
IMPOUNDMENT
CONSTRUCTION &
RECLAMATION**

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WVDEP-OFFICE OF OIL & GAS
INDUSTRY SEMINAR
CHARLESTON, W.VA.
MAY 16, 2013**

**CONTACT: CELL PHONE 304 395-1835
WORK SCHEDULE: TUESDAY THRU FRIDAY
8:00 AM THRU 5:00 PM**

HOW TO SUBMIT??

- SUBMIT FORMS, MONITORING & EMERGENCY ACTION PLAN (MEAP) & CONSTRUCTION PLANS TO OFFICE OF OIL & GAS AS A PDF FILE, BUT BE SURE TO INCLUDE ONE PAPER SET OF 24" X 36" DRAWINGS FOR REVIEW

HOW TO SUBMIT??

- INCLUDE APPLICATION FEE CHECK & HAND CARRY OR MAIL CD OF FORMS, MEAP & PLANS, AND ONE PAPER SET OF 24" X 36" DRAWINGS TO:

W.VA. DEPARTMENT OF ENVIRONMENTAL PROTECTION

OFFICE OF OIL & GAS

601 57TH STREET, SE

CHARLESTON, WV 25304

ATTENTION: CHAD CARMICHAEL

- CHAD'S EMAIL ADDRESS: chad.r.carmichael@wv.gov
- CHAD'S PHONE NUMBER: 304 926-0499, EXT. 1636

HOW TO SUBMIT??

- JUST LIKE THE 22-6A WELL PAD PLANS, HAVE THE LOCAL OIL & GAS INSPECTOR LOOK AT THE SITE, E & S PLANS AND INITIAL THE PLANS PRIOR TO SUBMITTAL TO WVDEP/OOG

PIT & IMPOUNDMENT INSPECTION

- USE FORM PROVIDED BY THE WVDEP-OOG FORM IR-11B
- SUBMIT INSPECTION FORMS AS A PDF AND SEND OR E-MAIL TO CHAD CARMICHAEL
- MAINTAIN A FILE OF INSPECTIONS AT THE CLOSEST OFFICE TO THE PIT OR IMPOUNDMENT, AND FILE MUST BE AVAILABLE FOR REVIEW BY THE INSPECTOR OR OTHER AUTHORIZED WVDEP/OOG PERSONNEL UPON REQUEST

RECLAMATION PLANS

- **SHOW CONFIGURATION OF SITE AFTER STRUCTURES ARE REMOVED**
- **PROVIDE A SHORT DETAILED SEQUENCE OF HOW IMPOUNDMENTS & PITS WILL BE RECLAIMED**
 - **PUMP DOWN & DISPOSE PONDED WATER, REMOVE LINER & DISPOSE OF PROPERLY OFF-SITE**
 - **PROVIDE SPECIFICATIONS ON FILLING IN STRUCTURES**
 - **LIFT THICKNESS, COMPACTION, STABILIZATION**
 - **AT A MINIMUM, USE A MAXIMUM OF 2 FOOT THICK LIFTS WITH A MINIMUM OF 90% OF THE STANDARD PROCTOR DENSITY**

MONITORING & EMERGENCY ACTION PLANS

- **INSPECTION FREQUENCY FOR NORMAL CONDITIONS, USE A MINIMUM OF ONCE EVERY OTHER WEEK PER 35-8-17**
- **ALWAYS INCLUDE THE COUNTY OEM DIRECTOR AS AN EMERGENCY CONTACT & INCLUDE OEM DIRECTOR ON THE DISTRIBUTION LIST**
- **INCLUDE IN MONITORING PLAN THAT THE PIT OR IMPOUNDMENT WILL BE MONITORED CONTINUOUSLY DURING THE INITIAL FILLING**

CERTIFICATION OR AS-BUILT DRAWINGS- CENTRALIZED PITS & IMPOUNDMENTS

- IF BUILT ACCORDING TO PLAN,
SUBMIT ENGINEER'S CERTIFICATION
- MUST BE SIGNED, SEALED AND DATED
BY PROFESSIONAL ENGINEER
- PROVIDE ENGINEER'S CERTIFICATION
THAT CONSTRUCTION PLANS &
SPECIFICATIONS WERE FOLLOWED,
OR PROVIDE AS-BUILT ON CHANGES
MADE TO THE ORIGINAL PLANS ON
THE AS-BUILT DRAWINGS

CERTIFICATION OR AS-BUILT DRAWINGS- CENTRALIZED PITS & IMPOUNDMENTS

- ON AS-BUILT DRAWINGS, BE SURE TO SHOW MONITORING WELLS (IF PIT) & AS-BUILT OF ACCESS ROAD (PLAN & PROFILE WITH CULVERT LOCATION, SIZE & TYPE (CMP, CPP, SLCPP, ETC.)
- HAVE LOCAL OIL & GAS INSPECTOR REVIEW AS-BUILT DRAWINGS AND INITIAL PRIOR TO SUBMITTAL TO WVDEP-OOG
- SUBMIT TO CHAD CARMICHAEL AS A PDF chad.r.carmichael@wv.gov

22-6A TOPICS

MODIFICATIONS

- **IF YOU HAVE NOT DISTURBED EVERYTHING PERMITTED IN YOUR ORIGINAL LOD, YOU DO NOT NEED TO SUBMIT A MODIFICATION, JUST SHOW THE LOD AND THE AREA DISTURBED IN YOUR AS-BUILT**

22-6A TOPICS **MODIFICATIONS**

- **BE SURE TO PROVIDE A TRANSMITTAL LETTER DESCRIBING THE MODIFICATION**
- **CLEARLY SHOW WHAT IS BEING ADDED AND WHAT IS BEING DELETED**
- **IF SUBMITTING ADDITIONAL MODIFICATIONS, SHOW SITE & LOD AS APPROVED BY THE PREVIOUS MODIFICATION. REVISE LOD & ACREAGE ACCORDINGLY**

22-6A TOPICS

AS-BUILT DRAWINGS-WELL PADS

- MUST BE SIGNED, SEALED AND DATED BY PROFESSIONAL ENGINEER
- PROVIDE ENGINEER'S CERTIFICATION THAT CONSTRUCTION PLANS & SPECIFICATIONS WERE FOLLOWED, OR PROVIDE DETAILS ON CHANGES MADE TO THE ORIGINAL PLANS ON THE AS-BUILT DRAWINGS, BE SURE TO INCLUDE ROADS IN AS-BUILTS
- HAVE LOCAL OIL & GAS INSPECTOR REVIEW AND INITIAL PRIOR TO SUBMITTAL
- SUBMIT TO LAURA COOPER AS A PDF

22-6A TOPICS

PLAN SUBMITTAL

- FOR WELL PERMITS WHERE THE WELL PAD IS NOT EXISTING
- PROVIDE ONE SET OF 24 X 36 ROLLED & BOUND PLAN SHEETS FOR INITIAL REVIEW
- DO NOT SUBMIT FOLDED PLANS & DO NOT SUBMIT PLANS THAT ARE NOT BOUND!!!!