

Date 06/02/08



Environmental Management Consolidated Business Center (EMCBC)

Subject: EMCBC OR SLA SITE NATIONAL ENVIRONMENTAL POLICY ACT (NEPA) ESTABLISHING THE LEVEL OF NEPA REVIEW AND DOCUMENTATION

Implementing Procedure

APPROVED: (Signature on File)

EMCBC Director

ISSUED BY: Office of Logistics Management

1.0 PURPOSE

To develop a process that can be used to establish or verify the level to NEPA review, i.e., Categorical Exclusion (CX), Environmental Assessment (EA), Environmental Impact Statement (EIS), or no formal NEPA review, for actions under the purview of the EMCBC or SLA Site.

2.0 SCOPE

The scope of this procedure is to provide a detailed approach for determination of the level of NEPA review necessary for any EMCBC/SLA project.

3.0 APPLICABILITY

This procedure is applicable to EMCBC or SLA personnel who establish or verify the level of NEPA review for the proposed actions. Generally, the contractor proposes the level of NEPA review for a proposed action, and the Department of Energy (DOE) staff on the concurrence chain uses this procedure to verify that the contractor has proposed the correct level of NEPA review or to require revision of the determination request document. See EMCBC IP-451-03, IP-451-04 and IP-451-05 for more detail on the NEPA documentation process at the EMCBC or SLA Sites.

4.0 REQUIREMENTS/REFERENCES

4.1 Requirements

4.1.1 DOE O 451.1B, DOE NEPA Compliance Program

4.1.2 40 CFR Parts 1500-1508, Council on Environmental Quality NEPA

4.1.3 10 CFR Part 1021, DOE NEPA Implementing Procedures

4.2 References

- 4.2.1 EMCBC PL-451-01, EMCBC and Service Level Agreement (SLA) National Environmental Policy Act (NEPA) Compliance Program Plan
- 4.2.2 EMCBC IP-451-03, EMCBC and Service Level Agreement (SLA) National Policy Act (NEPA) Categorical Exclusion (CX) Process
- 4.2.3 EMCBC IP-451-04, EMCBC and Service Level Agreement (SLA) National Environmental Policy Act (NEPA) Environmental Assessment (EA) Process
- 4.2.4 EMCBC IP-451-05, EMCBC or Service Level Agreement (SLA) National Environmental Policy Act (NEPA) Environmental Impact Statements (EIS) Process

5.0 DEFINITIONS

Refer to Glossary of Terms used in DOE NEPA Documents dated Sept. 1998, located at <http://www.eh.doe.gov/nepa/tools/guidance/glossary.pdf>

6.0 RESPONSIBILITIES

- 6.1 EMCBC / SLA Director - Determines the appropriate level of NEPA review for classes of actions for which this authority has been delegated to him/her.
- 6.2 NEPA Compliance Officer (NCO) - Reviews and signs the NEPA determination request/Environmental Questionnaire or Environmental Checklist document if the appropriate level of NEPA review has been established.
- 6.3 Office of Chief Counsel (OCC) - Reviews the determination request document for legal considerations, including verifying that the correct level of NEPA review has been established. Initials the concurrence chain if the document is adequate and the correct level NEPA review has been established.
- 6.4 NEPA Document Managers (NDM):
 - 6.4.1 Verify that the NEPA determination request document contains the appropriate level of NEPA review and the description of the proposed action is accurate. The NDM's initials on the concurrence chain signify that the document meets the above criteria.
 - 6.4.2 Interfaces with the site contractors; provides for coordination between the site contractors and the EMCBC or SLA NCO; tracks and reviews NEPA documents prepared by the site contractors; and reviews and verifies that the NEPA determination request documents contain the appropriate level of NEPA review and the descriptions of the proposed actions are accurate. The NDM initials on the concurrence chain signifying that the document meets above criteria.

- 6.5 Contractors: Prepare and transmit to EMCBC or SLA a NEPA determination request document (Environmental Checklist or Environmental Questionnaire, Reference PL-451-01 Form F1 and F2) that contains a recommendation on the appropriate level of NEPA review and an accurate description of proposed activity.

7.0 PROCEDURE

- 7.1 A flowchart depicting the process and steps presented in this procedure is presented in Figure 1 of this procedure.
- 7.2 The initial step is to identify and recognize a proposed action that may be subject to the NEPA process. Any action, which means a project, program, plan, or policy (as discussed in 10 Code of Federal Regulations (CFR) 1021.104 and 40 CFR 1508.18), that is under DOE's control and responsibility is subject to review under NEPA.
- 7.3 A description of the proposed action shall be prepared to facilitate the review process.
- 7.4 A description of the proposed action shall be reviewed under Subpart D of the DOE NEPA regulations (10 CFR 1021) to determine if the action is listed in one of the four appendices of Subpart D. The four appendices in Subpart D and the types of action they cover are listed below. The web link to obtain copies of these documents is http://www.eh.doe.gov/nepa/tools/guidance/volume2/1-1_10_CFR_1021_rev.pdf.
- 7.4.1 Appendix A to Subpart D of 10 CFR 1021: Categorical Exclusions Applicable to General Agency Actions.
- 7.4.2 Appendix B to Subpart D of 10 CFT 1021: Categorical Exclusions Applicable to Specific Agency Actions.
- 7.4.3 Appendix C to Subpart D of 10 CFR 1021: Classes of Actions that Normally Require EAs but Not Necessarily EISs.
- 7.4.4 Appendix D to Subpart D of 10 CFR 1021: Classes of Action that Normally Require EISs.
- 7.5 If the proposed action is listed in Appendix A to Subpart D of 10 CFR 1021 and there are no extraordinary circumstances and the action is connected to other actions with potentially significant impacts (as described in 10 CFR 1021.410(b) (2) and (3)), then the action may proceed with only internal auditable documentation of the decision, usually by the contractor. Some actions listed in Appendix A may require an individual CX and this determination should be made through consultation with the NCO. EMCBC / SLA NCO or Contractor NEPA Coordinator is still required to complete Environmental Checklist for any NEPA evaluations (Attachment A).

- 7.6 If the proposed action is listed in Appendix B to Subpart D of 10 CFR 1021 and the four conditions listed in Appendix B are met, then a CX is the appropriate level of review. Generic CX's which cover multiple related activities (e.g., routine maintenance, asbestos removals, and tank removals) are encouraged as a means of reducing paperwork and improving efficiency. See EMCBC/SLA NEPA IP-451-03, Categorical Exclusion (CX) Process.
- 7.7 If the proposed action is listed in Appendix C to Subpart D of 10 CFR 1021, then an EA is normally the appropriate level of review. An EA Determination (EAD) must be signed by the EMCBC / SLA Director with concurrence from the EMCBC/SLA NCO before an EA can be prepared. See EMCBC/SLA NEPA IP-451-04, Environmental Assessment (EA) Process.
- 7.8 If the proposed action is listed in Appendix D to Subpart D of 10CFR 1021, then an EIS is normally the appropriate level of review. An EIS Determination (EISD) must be signed by the EMCBC / SLA Director with concurrence from the EMCBC/SLA NCO before an EIS can be prepared. See EMCBC/SLA NEPA IP-451-05, EIS Process.
- 7.9 If the proposed action is not listed in Appendix D to Subpart D of 10 CFR 1021, then the NCO should be consulted for the determination of the appropriate level of NEPA review. The following will be considered in determining the appropriate level of NEPA review:
- 7.9.1 The decision of which level of review to choose is based on the potential for significant impacts. As defined in the Council on Environmental Quality (CEQ) regulations (40 CFR 1508.27), the term "significant" requires consideration of both context and intensity of the action.
- 7.9.2 When evaluating intensity, factors which should be considered include beneficial as well as adverse impacts to sensitive resources (e.g., wetlands, floodplains, cultural resources, endangered and threatened species, and prime farmland), highly controversial impacts, impacts to public health or safety, environmental justice, cumulative impacts, highly uncertain or unique impacts, actions which may establish a precedent for future actions with significant effects, and actions that threaten to violate environmental laws or requirements.
- 7.9.3 If it is reasonably clear that there may be significant impacts, an EIS is prepared (see EMCBC/SLA NEPA IP-451-05, Environmental Impact Statement (EIS) Process). If it is unclear whether there will be significant impacts, the EA process is used to determine if an EIS is needed (see EMCBC NEPA IP-451-04, Environmental Assessment (EA) Process). EAD's or EISD's must be signed by the appropriate authority (the EMCBC/SLA Director, Manager or the Secretarial Office [SO]). The NCO will be responsible for determining appropriate signature level.

8.0 RECORDS MAINTENANCE

8.1 All records generated by this procedure shall be prepared, maintained, and stored in concordance with DOE O 200.1, Information Management Program.

8.2 All records are required to comply with the EMCBC IP 243-03, Identification, Filing, and Maintaining Records.

9.0 FORMS USED

9.1 PL-451-01-F1 – EMCBC/SLA Environmental Checklist

9.2 PL-451-01-F2 – U.S. Department of Energy Environmental Questionnaire

10.0 ATTACHMENTS

10.1 Attachment A – PL-451-01-F1 - EMCBC/SLA Environmental Checklist

10.2 Attachment B – PL-451-01-F2 – U.S. Department of Energy Environmental Questionnaire

10.3 Attachment C – Flowchart

11.0 FLOWCHART – Attachment C, Figure 1

Form # PL-451-01-F1

Attachment A

EMCBC/SLA

Environmental Checklist

Project/Activity Title:	NEPA ID Number: Rev. #: 0 Date:
Contractor Project Manager:	Phone:
Contractor NEPA Coordinator:	Phone:
DOE EMCBC NEPA Compliance Officer:	Phone:

A: BRIEF PROJECT/ACTIVITY DESCRIPTION: (Attach detailed description or Statement of Work, if necessary)

B. SOURCES OF IMPACTS: Would the proposed action involve, generate, or result in changes to any of the following?

	YES	NO		YES	NO
1. Air emissions	<input type="checkbox"/>	<input type="checkbox"/>	12. Water Use/Diversion	<input type="checkbox"/>	<input type="checkbox"/>
2. Liquid effluents	<input type="checkbox"/>	<input type="checkbox"/>	13. Water Treatment	<input type="checkbox"/>	<input type="checkbox"/>
3. Solid waste	<input type="checkbox"/>	<input type="checkbox"/>	14. Waterway modification	<input type="checkbox"/>	<input type="checkbox"/>
4. Radioactive waste/soil	<input type="checkbox"/>	<input type="checkbox"/>	15. Radiation/toxic chemical exposures	<input type="checkbox"/>	<input type="checkbox"/>
5. Hazardous waste	<input type="checkbox"/>	<input type="checkbox"/>	16. Pesticide/herbicide use	<input type="checkbox"/>	<input type="checkbox"/>
6. Mixed waste	<input type="checkbox"/>	<input type="checkbox"/>	17. High energy source/explosives	<input type="checkbox"/>	<input type="checkbox"/>
7. Chemical storage/use	<input type="checkbox"/>	<input type="checkbox"/>	18. Transportation	<input type="checkbox"/>	<input type="checkbox"/>
8. Petroleum storage/use	<input type="checkbox"/>	<input type="checkbox"/>	19. Noise levels	<input type="checkbox"/>	<input type="checkbox"/>
9. Asbestos	<input type="checkbox"/>	<input type="checkbox"/>	20. Workforce adjustment	<input type="checkbox"/>	<input type="checkbox"/>
10. Utilities	<input type="checkbox"/>	<input type="checkbox"/>	21. OTHER: _____	<input type="checkbox"/>	<input type="checkbox"/>
11. Clearing or excavation	<input type="checkbox"/>	<input type="checkbox"/>	22. OTHER: _____	<input type="checkbox"/>	<input type="checkbox"/>

Explanation and Qualification of specific "YES" responses:

Number **Explanation**

C. EVALUATION CRITERIA:

	YES	NO
1. (10 CFR 1021.410 [b] [1]) Does the proposed action fit within a class of actions listed in Appendix A or B to Subpart D of 10 CFR 1021?	<input type="checkbox"/>	<input type="checkbox"/>
2. (10 CFR 1021.410 [b] [2]) Are there any extraordinary circumstances related to the proposal that may affect the significance of the environmental effects of the proposal? Extraordinary circumstances are unique situations presented by specific proposals, such as scientific controversy about the environmental effects of the proposal; uncertain effects or effects involving unique or unknown risks; or unresolved conflicts concerning alternative uses of available resources within the meaning of Section 102 (2) (E) of NEPA.	<input type="checkbox"/>	<input type="checkbox"/>

3. (10 CFR 1021.410 [b] [3]) Is the proposal "connected" (40 CFR 1508.25 [a] [1]) to other actions with potentially significant impacts; or is it **related** to other proposed actions with cumulatively significant impacts (40 CFR 1508.25 [a] [2]); or is it precluded by 40 CFR 1506.1 or 10 CFR 1021.211?
4. (10 CFR 1021, Appendix B to Subpart D, B[1] through B [4][vii]) For a proposed action to be categorically excluded, certain **integral elements** must be included. For example, would the proposed action:
- Threaten a violation of applicable statutory, regulatory or permit requirements for ES&H, including requirements of DOE Orders?
 - Require siting, construction or major expansion of waste storage, disposal, recovery or treatment facilities?
 - NOTE:** proposed action may include categorically excluded facilities.
 - Disturb hazardous substances, pollutants, contaminants or CERCLA-excluded petroleum and natural gas products that pre-exist in the environment, such that there would be uncontrolled or unpermitted releases?
 - Adversely affect environmentally sensitive resources including, but not limited to: structures of historic, archaeological or architectural significance; threatened or endangered species, or migratory birds, amphibians, floodplains or wetlands; wildlife refuges, prime agricultural lands or special sources of water (e.g., sole-source aquifer)? **NOTE:** A "No" response indicates that all reviews and discussions supporting the Agency's determination that the proposed action would not have an adverse effect on the resource will be completed before the proposed action is allowed to proceed.
5. Additional impacts that should be considered during the NEPA evaluation of the proposed action include the following six items. Would the action:
- a. Take place in an area of previous or ongoing disturbance?
 - b. Require any federal, state or local permits, approvals, Etc.?
 - c. Create hazardous, radioactive or mixed waste for which no disposal is available?
 - d. Impact a RCRA-regulated unit or facility?
 - Force a low-income or ethnic minority population to shoulder a disproportionate share of the negative environmental impacts of pollution or environmental hazards because of a lack of political or economic strength (i.e., an issue of "Environmental Justice")?
 - f. [for those actions that would involve air emissions] be located within an air pollutant *non-attainment* or *maintenance area* for any of the Criteria pollutants?
 - NOTE:** If "Yes," then additional analysis may be required to determine if emissions would be above *de minimus* thresholds and/or if emissions would be regionally significant. Pending completion of this analysis, requirements stated in 40 CFR 93.158 may be imposed before the proposed action could proceed.

EMCBC FORM #:
PL-451-01-F2

U.S DEPARTMENT OF ENERGY

Attachment B

ENVIRONMENTAL QUESTIONNAIRE

I. BACKGROUND

The Department of Energy (DOE) National Environmental Policy Act (NEPA) Implementing Procedures (10 CFR 1021) require careful consideration of the potential environmental consequences of all proposed actions during the early planning stages of a project or activity. DOE policy directs at the earliest possible stage in a project whether such actions will require preparation of an Environmental Assessment, an Environmental Impact Statement, or a Categorical Exclusion. To comply with these requirements, an Environmental Questionnaire (EMCBC Form #) must be completed for each proposed action to provide DOE with the information necessary to determine the appropriate level of NEPA review and documentation. If the proposed project qualifies for the Categorical Exclusion designation, a Categorical Designation Form (EMCBC Form #) will also be completed in addition to the Environmental Questionnaire.

II. INSTRUCTIONS

Separate copies of the Environmental Questionnaire and Categorical Exclusion Designation Form (if required) should be completed by the principal proper and principal subcontractor(s). In addition, if the proposed project includes activities at different locations, an independent questionnaire should be prepared for each location. Supporting information can be provided as attachments.

In completing this Questionnaire, the proposer is requested to provide specific information and quantities, when applicable, regarding air emissions, wastewater discharges, solid waste, etc., to facilitate the necessary review. The proposer should identify the locations of the project and specifically describe the activities that would occur at that location. In addition, the proposer will be required to submit an official copy of the project's statement of work (SOW) or statement of project objective (SOPO) that will be used in the contract/agreement between the proposer and DOE.

III. QUESTIONNAIRE

A. PROJECT SUMMARY

1. Solicitation/Project Number: _____
2. Proposer and Subcontractors: _____
3. Principal Investigator: _____
Telephone Number: _____
4. Project Title: _____
5. Duration: _____
6. Location(s) of Performance (City/Township, County, State): _____

7. Identify and select checkbox with the predominant project work activities under group A-7a, A-7b, or A-7c.

Group A-7a

- Categorical Exclusion CX-A: Routine administrative, procurement, training, and personnel actions. Contract activities/awards for management support, financial assistance, and technical services in support of agency business, programs, projects, and goals. Literature searches and information gathering, material inventories, property surveys; data analysis, computer modeling, analytical reviews, technical summary, conceptual design, feasibility studies, document preparation, data dissemination, and paper studies. Technical assistance including financial planning,

assistance, classroom training, public meetings, management training, survey participation, academic contribution, technical consultation, stakeholders surveys. Workshop and conference planning, preparation, and implementation which may involve promoting energy efficiency, renewable energy, and energy conservation.

Group A-7b

- Categorical Exclusion CX-B, Laboratory Scale Research, Bench Scale Research, Pilot Scale Research, Proof-of-Concept Scale Research or Field Test Research. Work DOES NOT involve new building/facilities construction and site excavation/groundbreaking activities. This work typically involves routine operation of existing laboratories, commercial buildings/properties, offices and homes, project test facilities, factories/power plants, vehicles test stands and components, refueling facilities, utility systems, or other existing structures/facilities. Work will NOT involve major changes in facilities missions and operations, land use planning, new/modified regulatory/operating permit requirements. Includes work specific to routine DOE Site operations and Lab research work activities, but NOT building construction and site preparations. DOE work typically involves laboratory facilities and lab equipment operations, buildings and grounds management activities; and buildings and facilities maintenance, repairs, reconfiguration, remodeling, equipment use and replacement.

Group A-7c

- Categorical Exclusion CX-B, Environmental Assessment (EA), Environmental Impact Statement (EIS): Pilot Test Facilities Construction, Pilot Scale Research, Field Scale Demonstration, or Commercial Scale Application. Work typically involves facility construction, site preparation/excavation/groundbreaking, and/or demolition. This work would include construction, retrofit, replacement, and/or major modifications of laboratories, test facilities, energy system prototypes, and power generation infrastructure. Work may also involve construction and maintenance of utilities system right-of-ways, roads vehicle test facilities, commercial buildings/properties, fuel refinery/mixing facilities, refueling facility, power plants, underground wells, and pipelines, and other types of energy research related facilities. This work may require new or modified regulatory permits, environmental sampling requirements, master planning, public involvement, and environmental impact review. Includes work specific to DOE Site Operations and Lab operation activities involving buildings and facilities construction, replacement, Site Operations and Lab operations involving building and facilities construction, replacement, decommissioning/demolition, site preparation, land use changes, or change in research facilities mission or operations.
- Other (please describe):

If all activities related to this project can be classified and described within categories under item A-7a, it is a categorically excluded action. Proceed directly to Section IV CERTIFICATION BY PROPOSER, completing Information and signatures as requested. The questionnaire is now complete and no additional information is required

If project activities are described under either item(s) A-7b or A-7c; then continue filling out the questionnaire starting below with question A.8.

8. Summarize the objectives of the proposed work. List activities planned at the location as covered by this Environmental Questionnaire.

9. List all other locations where work would be performed by the primary contractor of the project and primary subcontractor(s). (Note: An environmental questionnaire may be required for each new location after reviewing the SOW/SOPO, project scope, tasks, and environmental affects).

10. Identify major materials that would be used and produced by the project when projects are larger than lab or bench scale.

Materials Used (Input)	(Estimate Quantity)	Materials Produced (output)	(Estimate Quantity)
<input type="checkbox"/> Coal		<input type="checkbox"/> Wastewater	
<input type="checkbox"/> Natural Gas		<input type="checkbox"/> Air Emissions	
<input type="checkbox"/> Oil		<input type="checkbox"/> Solid Waste	
<input type="checkbox"/> Electricity		<input type="checkbox"/> Hazardous Waste	
<input type="checkbox"/> Water		<input type="checkbox"/> Others -- List	
<input type="checkbox"/> Others -- List			

B. PROPOSED PROJECT ALTERNATIVES

1. If applicable, list any project alternatives considered to achieve the project objectives.

C. PROJECT LOCATION

4. Provide a brief description of the project location (physical location, surrounding area, adjacent structures).
5. Attach a project site location map of the project work area. Project site photos and topographical maps may be requested for further review.

D. ENVIRONMENTAL IMPACTS

This section is designed to obtain information concerning environmental impacts and regulatory compliance of a proposed project. NEPA procedures require evaluations of possible effects (including land use, energy resource use, natural, historic and cultural resources, and pollutants) from proposed projects on the environment.

1. Land Use

- a. Characterize present land use where the proposed project would be located.

<input type="checkbox"/> Urban	<input type="checkbox"/> Industrial	<input type="checkbox"/> Commercial	<input type="checkbox"/> Agricultural
<input type="checkbox"/> Suburban	<input type="checkbox"/> Rural	<input type="checkbox"/> Residential	<input type="checkbox"/> Research Facilities
<input type="checkbox"/> Forest	<input type="checkbox"/> University Campus	<input type="checkbox"/> Other	

- b. Identify the total size of the facility, structure, or system and what portion would be used for the proposed project
- c. Describe planned construction, installation, and/or demolition activities, i.e., roads, utilities system, right-of-ways, parking lots, buildings, laboratories, storage tanks, fueling facilities, underground wells, pipelines, or other structures.
- No construction would be anticipated for this project
- d. Describe how land use would be affected by operations activities associated with the proposed project.
- No land areas would be affected

- e. Describe any plans to reclaim areas that would be affected by the proposed project.
 - No land areas would be affected

- f. Would the proposed project affect any unique or unusual landforms (e.g. cliffs, waterfalls, etc.)?
 - No Yes (describe)

- g. Would the proposed project be located in or near local, state, or federal parks; forests; monuments; scenic waterways; wilderness; recreation facilities; or tribal lands?
 - No Yes (describe)

If project work activities fall under item A-7b; then proceed directly to question D.6 (Atmospheric Conditions/ Air Quality) and continue to fill out the questionnaire.

If project work falls under item A-7c; then proceed directly to question D.2 (Construction Activities and/or Operations) and continue to fill out questionnaire.

2. Construction Activities and/or Operation

- a. Identify project structure(s), power line(s), pipeline(s), utilities system(s), right-of-way(s), or road(s) that will be constructed and clearly mark them on a project site map or topographic map as appropriate.
 - None

- b. Would the proposed project require the construction of waste pits or settling ponds?
 - No Yes (describe and identify location, and estimate surface area disturbed)

- c. Would the proposed project affect any existing body of water?
 - No Yes (describe)

- d. Would the proposed project impact a floodplain or wetland?
 - No Yes (describe)

- e. Would the proposed project cause runoff/sedimentation/erosion?
 - No Yes

- f. Describe any instability (e.g., subsidence, perma-frost, erosion, faulting/fracturing) affecting building construction, site development, and/or project operation.

3. Vegetation and Wildlife Resources

- a. Identify any State- or Federal-listed endangered or threatened plant or animal species affected by the proposed project.
 - None

- b. Would any threatened or endangered species habitat be affected by the proposed project?
 - No Yes (describe)

- c. Describe any impacts that construction would have on any other type of sensitive or unique habitats.
 - No planned construction No habitats None Impact (describe)

- d. Would any unnatural substance/materials be introduced into ground or surface waters, soil, or other earth/geologic resource because of project activities? How would these foreign substances affect the water, soil and geologic resources.
 - No Yes (describe)
- e. Would any migratory animal corridors be impacted or disrupted by the proposed project?
 - No Yes (describe)

4. Socioeconomic and Infrastructure Conditions

- a. Would local socio-economic changed result from the proposed project?
 - No Yes (describe)
- b. Would the proposed project generate increased traffic use of roads through local neighborhoods, urban or rural areas?
 - No Yes (describe)
- c. Would the proposed project require new transportation access (roads, rail, etc.)? Describe location, impacts, costs.
 - No Yes (describe)
- d. Would the proposed project create a significant increase in local energy usage?
 - No Yes (describe)

5. Historical/Cultural Resources

- a. Describe any historical, archeological, or cultural sites in the vicinity of the proposed project; note any sites included on the National Register of Historic Places
 - None
- b. Would construction or operational activities planned under the proposed project disturb any historical, archeological, or cultural sites?
 - No planned construction No historical sites None Impact (describe)
- c. Has the State Historic Preservation Office been contacted in regard to this project?
 - No Yes (describe)
- d. Would the proposed project interfere with visual resources (e.g., eliminate scenic views) or alter the present landscape?
 - No Yes (describe)

For all proposed project work activities identified under item A-7b, respond to item D6 directly below and continue filling out the environmental questionnaire.

6. Atmospheric Conditions/Air Quality

- a. Identify air quality conditions in the immediate vicinity of the proposed project with regard to attainment of National Ambient Air Quality Standards (NAAQS). This information is available under the Green Book Nonattainment Areas for Criteria Pollutants located at <http://epa.gov/oaqps/greenbk> or <http://www.epa.gov/air/oaqps/greenbk/astate.html>

	<u>Attainment</u>	<u>Non-Attainment</u>
O ₃ – 1 hour	<input type="checkbox"/>	<input type="checkbox"/>
O ₃ – 8 hour	<input type="checkbox"/>	<input type="checkbox"/>
SO _x	<input type="checkbox"/>	<input type="checkbox"/>
PM – 2.5	<input type="checkbox"/>	<input type="checkbox"/>
PM – 10	<input type="checkbox"/>	<input type="checkbox"/>
CO	<input type="checkbox"/>	<input type="checkbox"/>

NO ₂	<input type="checkbox"/>	<input type="checkbox"/>
Lead	<input type="checkbox"/>	<input type="checkbox"/>

- b. Would the proposed project require issuance of new or modified local, state or federal air permits to perform project related work and activities?
 No Yes (describe)
- c. Would the proposed project be in compliance with local and state air quality requirements?
 No (explain) Yes
- d. Would the proposed project be classified as either a New Source of a major modification to an existing source?
 No Yes (describe)
- e. What type of air emissions, including fugitive emissions, would be anticipated from the proposed project, and what would be the maximum annual rate of emissions for this project?

	Maximum per year	Total for Project
SO _x		
NO _x		
PM – 2.5		
PM – 10		
CO		
CO ₂		
Lead		
H ₂ S		
Organic Solvent Vapors or other volatile organic compounds. List.		
Hazardous air pollutants. List.		
Other. List		
None		

- f. Would any type of emission control or particle collection devices be used?
 No Yes (describe, including collection efficiencies)
- g. If no control devices are used, how would emissions be vented?

7. Hydrologic Conditions/Water Quality

- a. What is the closest body of water to the proposed project area and what is its distance from the project site?
- b. What sources would supply potable and process water for the proposed project?
- c. Quantify the daily or annual amount of wastewater that would be generated by the proposed project.

<input type="checkbox"/> None	
<input type="checkbox"/> Non-contact cooling water	(gallons)
<input type="checkbox"/> Process water	(gallons)
<input type="checkbox"/> Sanitary and/or grey water	(gallons)
<input type="checkbox"/> Other-describe	(gallons)

- d. What would be the major components of each type of wastewater (e.g., coal fines)?
 No wastewater produced
- e. Identify the local treatment facility that would receive wastewater from the proposed project.

- No discharges to local treatment facility
- f. Describe how wastewater would be collected and treated.
- g. Would any run-off leachates be produced from storage piles or waste disposal sites?
 - No Yes (describe)
- h. Would the project require issuance of new or modified water permits to perform project work or site development activities?
 - No Yes (describe)
- i. Where would wastewater effluents from the proposed project be discharged?
 - No wastewater produced
- j. Would the proposed project be permitted to discharge effluents into an existing body of water?
 - No Yes (describe water use and effluent impact)
- k. Would a new or modified National Pollutant Discharge Elimination System (NPDES) permit be required?
 - No Yes (describe)
- l. Would the proposed project adversely affect the quality or movement of groundwater?
 - No Yes (describe)
- m. Would the proposed project require issuance of an Underground Injection Control (UIC) permit?
 - No Yes (describe)

8. Solid and Hazardous Wastes

- a. Identify and estimate major nonhazardous solid wastes that would be generated from the project. Solid wastes are defined as any solid, liquid, semi-solid, or contained gaseous material that is discarded or has served its intended purpose, or is a manufacturing or mining by-product (See EPA Municipal Solid Waste at <http://www.epa.gov/msw/> and Municipal Solid by State at <http://www.epa.gov/msw/states.htm>).

	Annual Quantity
<input type="checkbox"/> None	
<input type="checkbox"/> Municipal solid waste, i.e., paper, plastic, etc	
<input type="checkbox"/> Coal or coal by-products	
<input type="checkbox"/> Other - identify	

- b. Would project require issuance of new or modified solid and/or hazardous waste related permits to perform project work activities?
 - No Yes (explain)
- c. How and where would solid waste disposal be accomplished?
 - On-site (identify and describe location)
 - Off-site (identify location and describe facility and treatment)
- d. How would wastes for disposal be transported?

e. Identify hazardous wastes that would be generated, used, or stored under this project. Hazardous information can be found at EPA Hazardous Waste website at <http://epa.gov/epaoswer/osw/hazwaste.htm>.

None

f. How would hazardous or toxic waste be collected and stored?

None used or produced

g. If hazardous wastes would require off-site disposal, have arrangements been made with a certified TSD (Treatment, Storage, and Disposal) facility?

Not required Arrangements not yet made Arrangements made with certified TSD facility
(identify):

Health/Safety Factors

a. Identify hazardous or toxic materials that would be used in the proposed project.

None Hazardous or toxic substances that would be used (identify):

b. What would be the likely impacts of these project related hazardous materials on human health and the environments?

None Yes (explain)

c. Would there be any special physical hazards or health risks associated with the project?

No Yes (describe)

d. Does a worker safety program exist at the location of the proposed project?

No Yes (describe)

e. Would safety training be necessary for any laboratory, equipment, or processes involved with the project?

No Yes (describe)

f. Describe any increases in ambient noise levels to the public from construction and operational activities.

None Increase in ambient noise level (describe)

g. Would project construction result in the removal of natural barriers that act as noise screens?

No construction planned No Yes (describe)

h. Would hearing protection be required for workers?

No Yes (describe)

10. Environmental Restoration and/or Waste Management

a. Would the proposed project include CERCLA removals or similar actions under RCRA or other authorities?

No Yes (describe)

b. Would the proposed project include siting, construction, and operation of temporary pilot-scale waste collection and treatment facilities or pilot-scale waste stabilization and containment facilities?

No Yes (describe)

- c. Would the proposed project involve operations of environmental monitoring and control systems?
 No Yes (describe)
- d. Would the proposed project involve siting, construction, operation, and decommissioning of a facility for storing packaged hazardous waste for 90 days or less?
 No Yes (describe)

E. Regulatory Compliance

- 1. For the following laws, describe any existing permits, new or modified permits, manifests, responsible authorities or agencies, contracts, etc., that would be required for the proposed project (Information on the following environmental laws can be found at the Major Environmental Law website <http://www.epa.gov/epahome/lawas.htm>):
 - a. Resource Conservation and Recovery Act (RCRA)
 None Required (describe)
 - b. Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA):
 None Required (describe)
 - c. Toxic substance Control Act (TCSA):
 None Required (describe)
 - d. Clean Water Act (CWA):
 None Required (describe)
 - e. Underground Storage Tank Control Program (UST):
 None Required (describe)
 - f. Underground Injection Control Program (UIC):
 None Required (describe)
 - g. Clean Air Act (CAA):
 None Required (describe)
 - h. Endangered Species Act (ESA):
 None Required (describe)
 - i. Floodplains and Wetlands Regulations:
 None Required (describe)
 - j. Fish and Wildlife Coordination Act (FWCA)
 None Required (describe)
 - k. National Historic Preservation Act (NHPA):
 None Required (describe)
 - l. Coastal Zone Management Act (CZMA):
 None Required (describe)

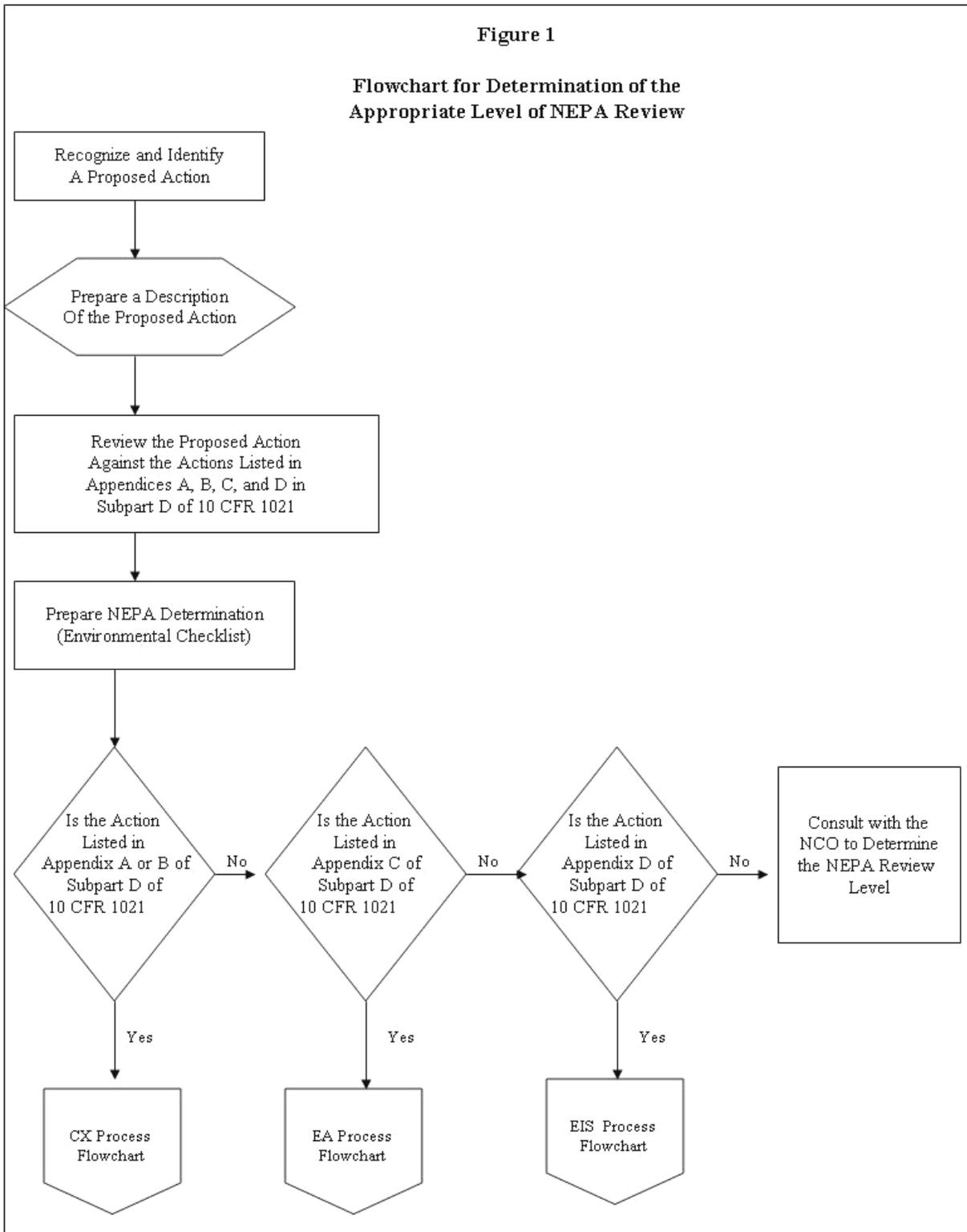
PROJECT MANAGER:

SIGNATURE _____

DATE: ____/____/____
month day year

TYPED NAME _____

F



EMCBC RECORD OF REVISION**DOCUMENT**

If there are changes to the controlled document, the revision number increases by one. Indicate changes by one of the following:

- I Placing a vertical black line in the margin adjacent to sentence or paragraph that was revised.
- I Placing the words GENERAL REVISION at the beginning of the text.

Rev. No.	Description of Changes	Revision on Pages	Date
1	Initial Procedure	All	06/02/08