APPENDIX C

RECAP FORMS

RECAP FORMS

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RECAP FORM 13 ~~8~~	Conveyance Notice

RECAP FORM 1
RECAP SUBMITTAL SUMMARY

A completed RECAP Submittal Summary form shall be included as the first page of the RECAP Submittal.

1. Agency Interest Name: _____
2. AI#: _____
3. Name of Area of Investigation: _____
4. Facility Owner Name: _____

5. Facility Owner Mailing Address: _____
_____

6. Facility Operator Name: _____

7. Facility Operator Mailing Address: _____
_____

8. Facility Physical Address: _____
_____

9. Parish: _____

10. Latitude/Longitude of Primary Facility Entrance: _____

11. Latitude/Longitude Method: _____

12. Facility Contact Person: _____

13. Facility Contact Person's Phone Number: _____

14. Facility Contact Person's Mailing Address: _____
_____

15. Facility Contact Person's E-mail Address: _____

16. Area of Investigation Location: _____

17. Area of Investigation Size: _____

18. Horizontal and Vertical Extent of the Area of Investigation has been identified? [ ] Yes [ ] No

19. Describe the Current and Historical Uses of the Property on which the AOI is located and the Time Periods for Each Use/Activity: _____
_____
_____

20. Indicate How Release Occurred (if known): _____

21. List Constituents Released (if known): _____
_____

22. RECAP Submittal Date: _____

23. RECAP Submittal Prepared by: _____

24. RECAP Submittal Preparer's Employer: _____

25. RECAP Submittal Preparer's Phone Number: _____

26. Briefly summarize the data evaluation results and any data useability issues identified: _____
_____
_____
_____
_____

~~26. Site Ranking: [ ] Class 1 [ ] Class 2 [ ] Class 3 [ ] Class 4~~

2~~7~~7. Media Impacted:

[ ] Surface Soil	[ ] Groundwater 1~~A~~	[ ] Surface water
[ ] Subsurface Soil~~[ ] Potential Surface Soil~~	[ ] Groundwater 2 ~~[ ] Groundwater 1B~~	[ ] Sediment
~~[ ] Subsurface Soil~~	[ ] Groundwater 3_{DW}~~[ ] Groundwater 2A~~	[ ] Biota
	[ ] Groundwater 3_{NDW}~~[ ] Groundwater 2B~~	
	[ ] Groundwater Classification Unknown~~[ ] Groundwater 2C~~	
	~~[ ] Groundwater 3A~~	
	~~[ ] Groundwater 3B~~	
	~~[ ] Groundwater Classification Unknown~~	

~~28. Is soil present at 0-3 ft bgs impacted? [ ] Yes [ ] No~~

28 . Is NAPL Present? [ ] Yes [ ] No

2~~9~~9. Release volume: _____

~~30. Is NAPL Present? [ ] Yes [ ] No~~

~~31. Aquifer: _____~~

~~(a)~~30. Distance and direction from AOC/AOI to the nearest downgradient property boundary: _____

31. Distance and direction from AOC/AOI to the nearest downgradient surface water body serving as the GW3 POE (if applicable): _____; Name of downgradient surface water body, or if unnamed, the nearest named downgradient receiving surface water body: _____

~~(b)~~ 32. Depth from known contamination to the nearest Groundwater Classification 1 aquifer: _____

~~(c)~~ 33. If a GW 1 or 2 aquifer, distance from POC to nearest downgradient drinking water wells: _____

3~~2~~4. Distance and direction from known contamination to nearest enclosed occupied structure: _____

3~~5~~3. Depth Groundwater First Encountered: _____

36. Name of aquifer or confining unit (if applicable): _____
-Aquifer Yield (gpd): _____

3~~4~~7. [ ] GW2 [ ] GW3 Distance from POC to POE: _____

38. [ ] GW2 [ ] GW3 Source size: Sd: _____ L: _____ Sw: _____

3~~5~~9. [ ] GW2 [ ] GW3 Dilution Factor Applied: _____

40~~36~~. Percent Organic Matter/Fractional Organic Carbon (f_{oc}) Content: _____

41. Location and Depth of f_{oc} sample: _____

42. List all site-specific geotechnical, environmental fate and transport, or exposure inputs used in the RECAP evaluation (i.e., list all site-specific values used in place of default input values): _____

~~37~~43. Current Land Use: [ ] Non-Industrial [ ] Industrial NAICS: _____

~~38~~44. Potential Future Land Use: [ ] Non-Industrial [ ] Industrial NAICS: _____

~~2/5~~

~~39~~45. Is There Offsite Contamination? [ ] Yes [ ] No

(a) If Yes, Land Use Offsite: [ ] Non-Industrial [ ] Industrial NAICS: _____

(b) If Yes, Identify the Landowner(s), Lessee(s), and/or Servitude Holder(s): _____

4~~6~~0. Management Option(s) Applied at the AOI: [ ] SO [ ] MO-1 [ ] MO-2 [ ] MO-3 [ ] Appendix G Category: _____

47. Summary of Highest Option of Assessment Performed (list all constituents evaluated):

COC	Soil AOIC (mg/kg)		Limiting Standard (mg/kg)	Option Applied	Does AOIC Comply with the LRS?
	Maximum	95%UCL-AM			

COC	Groundwater CC (mg/l)	Limiting Standard (mg/l)	Option Applied	Does CC Comply with the LRS~~Exceed Limiting Standard~~?

Other Media:

COC	AOIC or Exposure Concentration	Limiting Standard	Option Applied	Doe~~I~~s the AOIC Comply with the LRS~~imiting Standard Exceeded~~?

~~41. Provide documentation that the AOI meets the criteria for the Option implemented: _____~~

~~42. Current Status of the AOI:~~

~~(a) The AOI will be further evaluated under: [ ] MO-1 [ ] MO-2 [ ] MO-3.~~

~~(b) Medium for further evaluation: _____~~

~~(c) Exceedances:~~

~~COC~~	~~[ ] AOIC~~ ~~[ ] CC~~	~~[ ] LSS~~ ~~[ ] MO-1 LRS~~ ~~[ ] MO-2 LRS~~

48. Are the RS applied at the AOI based on a Target Risk of 10^{-6}? [ ] Yes [ ] No

If no, provide documentation that the requirements given in Section 2.5.1 have been met:

_____

_____

_____

_____

49~~3~~. [ ] The AOI does not require remediation.

[ ] The AOI will be remediated under: [ ] SO [ ] MO-1 [ ] MO-2 [ ] MO-3 [ ] Appendix G Category: _____.

(a) ~~(a)~~ Media~~um~~ requiring remediation: _____

[ ] Surface Soil [ ] Groundwater 1 [ ] Surface water
[ ] Subsurface Soil [ ] Groundwater 2 [ ] Sediment
[ ] Groundwater 3_{DW} [ ] Biota
[ ] Groundwater 3_{NDW}

(b) Corrective Action Standards: [ ] Non-industrial [ ] Industrial
(c) Institutional Controls Are Proposed? [ ] Yes [ ] No [ ] Institutional Controls Already Present
If yes, type of institutional control proposed or being employed: _____
If applicable, the conveyance notice has been approved by DEQ and filed with the _____ (parish) Clerk of Court noting that the AOI was closed under industrial standards.
(d) Interim Corrective Actions Have Been Performed? [ ] Yes [ ] No [ ] Not Applicable
(e) If yes, explain.
_____
_____

~~44. Exceedances and Corrective Action Standards to be applied:~~

~~**COC**~~	~~**[ ] AOIC**~~ ~~**[ ] CC**~~	~~**[ ] LSS**~~ ~~**[ ] MO-1 LRS**~~ ~~**[ ] MO-2 LRS**~~ ~~**[ ] MO-3 LRS**~~ ~~**[ ] Alternate MO-3 RS**~~

~~3/5~~

~~45. All constituent concentrations in all impacted media:~~

~~[ ] comply with the applicable RECAP standards;~~ ~~**or**~~

~~[ ] have been remediated to the applicable RECAP;~~ ~~**or**~~

~~[ ] alternate remediation standards and a NFA-ATT determination is being requested~~ ~~**and**~~~~:~~

~~(a) RECAP Standards Applied: [ ] Non-industrial [ ] Industrial~~
~~(b) There are institutional controls on this property: [ ] Yes [ ] No~~
~~(c) If yes, type of institutional control employed: _____~~
~~(d) If applicable, the conveyance notice has been filed with the _____ (parish) Clerk of Court noting that the AOI was closed under industrial standards.~~

~~46. RECAP Standards Applied at the AOI:~~

~~Medium: _____~~

~~**COC**~~	~~**[ ] AOIC**~~ ~~**[ ] CC**~~	~~**[ ] LSS**~~ ~~**[ ] MO-1 LRS**~~

		~~[ ] MO-2 LRS~~ ~~[ ] MO-3 LRS~~ ~~[ ] Alternate Standards~~

~~47. Provide documentation that the AOIC and/or CC will continue to comply with the applicable standard:~~

~~48. If groundwater was impacted, provide a description of aquifer use and list the locations and depths of the nearest drinking water supply wells:~~

~~49.Provide: (a) a description of the remedial actions implemented; (b) verification that the source has been removed/mitigated and that residual constituent concentrations comply with the LSS or LRS; and (c) a discussion on the offsite disposal of investigation and remediation wastes including types, quantities, disposal location, etc.~~

~~4/5~~

~~50. If applicable, discuss monitoring well plugging and abandonment:~~

~~51~~50. Is There a Current or Potential Ecological Impact? [ ] Yes [ ] No

RECAP FORM 2
SOIL ANALYTICAL DATA SUMMARY

DATE: _____ **PAGE ___ of**

SITE NAME/AI #:

SITE PHYSICAL ADDRESS:

AOI: _____

~~MEDIA SAMPLED:~~

Boring ID	Sample ID	Depth Interval	Sample Date	Headspace Reading	COC_1 (mg/kg)	COC_2 (mg/kg)	COC_3 (mg/kg)	COC_4 (mg/kg)	COC_i (mg/kg)
Minimum Concentration:									
Maximum Concentration:									
~~95%~~ UCL-AM Concentration:									
Limiting RECAP Standard:									

~~Line #~~	~~COC/CAS~~	~~Method~~	~~Location and Depth~~	~~Sample Identification~~	~~Sample Date~~	~~Option Used~~	~~Limiting Standard~~	~~PQL~~	~~Sample Result~~	~~QA/QC Flag~~

~~RECAP FORM 2~~
~~ANALYTICAL DATA SUMMARY~~
~~Definitions~~

~~**COC/CAS:** *The potential or actual constituent of concern analyzed, and its defining Chemical Abstract service number.* **EXAMPLE: Butyl benzyl pthlate/ 85-68-7**~~

~~**DATE:** *Date of completion of this report (yy,mm,dd).* **EXAMPLE: 970131**.~~

~~**LOCATION & DEPTH:** *The unique identification assigned by the site to the location where the sample was collected, and the approximate depth of collection in feet.* **EXAMPLE: B-1 (12ft)**~~

~~**LIMITING STANDARD:** *The lowest RECAP Standard (RS) or Screening Standard (SS) of all standards applicable to the given COC or source medium.* **All results are to be reported in Parts per Million (PPM) such as mg/kg or mg/L**.~~

~~**LINE # :***Assigned per unit of reported information. Used to ease reference in finding information and identifying possible QA/QC Flags.~~

~~**MEDIA SAMPLED:** *The environmental medium that was sampled.* **EXAMPLE: SOIL, WATER, AIR**~~

~~**METHOD***: The analytical method(s) used to prepare and quantify a COC.* **EXAMPLE: SW-846-8260. Note: Any alternate method outside of EPA or published RECAP methods must be pre-approved by the Department.**~~

~~**OPTION USED:** *Management option used to determine the limiting standard.* **EXAMPLE: SO, MO-1, MO-2, or MO-3.**~~

~~**PAGE __ of __:** *Page sequence of report.* **EXAMPLE: PAGE 1 OF 2.**~~

~~**PQL:** *The practical Quantitation Limit used.* **All results are to be reported in Parts per Million (PPM) such as mg/kg or mg/L**.~~

~~**QA/QC Flag:** *Any factor associated with the sample analysis that may cause results to be rejected unless properly explained.* **See additional instruction section.**~~

~~**SAMPLE DATE:** *The date that the sample was collected (yy,mm,dd).* **EXAMPLE: 970101.**~~

~~**SAMPLE IDENTIFICATION NO.:** *The unique identification number that was used to identify this sample at the time of collection.* **EXAMPLE: 970101-A. NOTE: Analytical (Laboratory) Sample IDs and Collection IDs are to be IDENTICAL.**~~

~~**SAMPLE QUANTITATION LIMIT:** *The lowest level at which the constituent could accurately and reproducibly be quantitated during the analysis of this sample.* **EXAMPLE: 0.005. All results are to be reported in Parts per Million (PPM) such as mg/kg or mg/L**.~~

~~**SAMPLE RESULT:** *The concentration of a constituent in the sample as determined by the laboratory.* ***If a constituent was not detected this value should be reported as less than the sample quantitation limit****. EXAMPLE: < .005****. All results are to be reported in Parts per Million (PPM) such as mg/kg or mg/L****.***~~

~~**SITE NAME:** *The name by which the site is referred to in correspondence to the LDEQ.* ***EXAMPLE: RBCA Corporation, Baton Rouge Terminal.***~~

~~**SITE PHYSICAL ADDRESS:** *The physical address of the site that has been sampled.* ***EXAMPLE: 7290 BLUEBONNET BLVD, BATON ROUGE LA 70809.***~~

~~**ADDITIONAL INSTRUCTIONS:**~~

1. ~~The QA/QC Flag box should be marked (with an X or appropriate qualifier) ***only if there is a QA/QC Flag***. Each Flag should be listed by Line number with a brief explanation of the QA/QC discrepancy provided at the end of the form. **EXAMPLE:***~~

   ~~Line # 5: The sample duplicate was out of range by 5 percent most likely due to error from dilution necessitated by the high presence of sought analyte in the samples.~~

   ~~Line #6 and Line #8: While the field blank was found to exceed the limiting standard, both samples were found to be below the MO-1 standards, and all other field and instrument verification QA/QC passed.~~

2. ~~It is not necessary to report information within a cell that would be a duplicate of facts given in a cell directly above. **EXAMPLE: If Line # 1, 2, 3, 4, and 5 were all associated with the same sample location and depth, it is only necessary to list the location and depth in the appropriately provided space in Line # 1.***~~

~~RECAP FORM 3~~
~~ANALYTICAL DATA EVALUATION~~

~~Date~~ _____

~~Facility Name~~ _____

~~Agency Interest (AI #)~~ _____

~~Physical Site Location~~ _____

~~Operation Address~~ _____

~~Owner/Responsible Party Address~~ _____

~~1. Data Generation~~

~~1.A All sample collection was done in accordance to applicable RECAP collection guidelines. [ ] Yes [ ] No~~

~~1.B All generated data was obtained using EPA Methodology, RECAP approved methodology (as found in text), or methodology pre-approved by the Department. Any modifications to methodology have been noted, explained and pre-approved by the Department. [ ] Yes [ ] No~~

~~1.C All Data are analyte-specific and the identity and concentration are confirmed. [ ] Yes [ ] No~~

~~1.D All data were generated by a LDEQ certified laboratory. [ ] Yes [ ] No~~

~~2. Data Evaluation and Usability~~

~~2.A Methods used are appropriate for analyzed constituents:~~

~~1. Analysis used is specific for COCs. [ ] Yes [ ] No~~

~~2. Results are produced with the most appropriate sensitive method. (e.g. not using portable field analytical instruments). [ ] Yes [ ] No~~

~~2.B Sample Quantitation Limits (SQL)~~

~~Note: The SQL is not synonymous with the IDL (instrument detection limit) or the MDL (minimum detection limit). The SQL is derived after considering the effects~~

~~**of dilutions, loss of instrument sensitivity, matrix interferences, and other interferences effecting the lower-end accuracy of analysis, and therefore resulting in the elevation of the method detection limit. The SQL will be the only detection limit considered for comparison to limiting standards.**~~

~~1. All SQLs are less than reference concentrations (RS or SS). [ ] Yes [ ] No (If yes, proceed to Section 2C, Qualifiers and Codes).~~

~~2. Samples with SQLs greater than the limiting standard are not being reported as non-detected. (If yes, proceed to Item # 3 of this section). [ ] Yes [ ] No~~

~~If the SQL is higher than the limiting standard, and a non-detect is being reported, data may still be considered by the Department if all the below conditions are met:~~

~~(a) The non-detect results make up less than 5-10 percent of a sample set for a considered individual COC.~~

~~(b) The ND is not classified as being from a key sampling location (e.g. drinking water well).~~

~~(c) Documentation provided by a LDEQ accredited laboratory (with supporting evidence) is included in the document demonstrating that a practical quantitation limit was not achievable due to site or sample-specific conditions.~~

~~Have the above three conditions been met? [ ] Yes [ ] No~~

~~Note: If one or more of the above conditions cannot be met, the total (100%) value of the PQL may be reported as a positive detected result.~~

~~Will this option be used and annotated in the Report? [ ] Yes [ ] No~~

~~**Note: If all answers in this item are "no," analytical results will be rejected and re-sampling will be required.**~~

~~3. Are sample results higher than both the PQL and the limiting standard? [ ] Yes [ ] No (If so, results may be used despite elevated PQL).~~

~~2.C Qualifiers and Codes~~

~~1. All qualifiers and codes for flagged data have been noted on form 3 and supporting documentation has been included in the laboratory information package. [ ] Yes [ ] No~~

~~2. All data with a qualifier of "R" (unusable data) do not come from critical sample points (if so, resample will be required). [ ] Yes [ ] No~~

~~3. All data with a qualifier of "J" (estimated concentrations) have been included as positive results. [ ] Yes [ ] No~~

~~2.D Blank Samples~~

~~1. Field and laboratory blanks showed no signs of contamination, and no constituents were detected in blanks. (If no constituents or contaminants were detected, proceed to 2E, Tentatively Identified Compounds). [ ] Yes [ ] No~~

~~2. Contaminants or constituents found in blanks can be considered common laboratory contaminants as defined by EPA (acetone, 2-butanone, methylene chloride, toluene, or phthalates); and the same contaminants found in site samples are present at quantities less than 10 times the levels found in blanks. (If no, constituents are to be reported as detected COCs). [ ] Yes [ ] No~~

~~3. Contaminants or constituents found in blanks are not considered common laboratory contaminants as defined by EPA; and the same contaminants found in site samples are present at quantities less than 5 times the levels found in blanks. (If no, constituents are to be reported as detected COCs). [ ] Yes [ ] No~~

~~2.E Tentatively Identified Compounds (TIC)~~

~~All possible TIC have been identified, evaluation is supported with documentation in the text, and information conforms to the requirements as listed in Section 2.5 of the RECAP. [ ] Yes [ ] No~~

~~2.F Historical Data~~

~~1. All quantitative historical data has been reviewed by current QA/QC guidelines, and all applicable supporting information is justified and included in the report. [ ] Yes [ ] No~~

~~2. All qualitative historical data is verifiable, has not been used quantitatively, and has only been used in the development of a conceptual model. [ ] Yes [ ] No~~

~~3/4~~

~~**3. Documentation**~~

3.A Laboratory information package assembled as follows [ ] Yes [ ] No:

1. Sample documentation (chains of custody, preparation time, time of analysis).
2. Sample and analyte identification and quantification.
3. Determination and documentation of sample quantitation limits (SQLs).
4. Initial and continuing calibration.
5. Performance evaluation samples (external QA or laboratory control samples)
6. Matrix spike recoveries.
7. Analytical error determination (determined with replicate samples).
8. Total measurement error determination summary. (Evaluates overall precision of measurement system from sample acquisition through analysis. Determined with field duplicate and matrix spike with matrix spike duplicate).
9. Explanation and supporting documentation for flagged data.

3.B All methods used in all analysis have produced tangible raw data (e.g. chromatograms, spectra, digital values), and are available to the Department upon request. [ ] Yes [ ] No

1. Representative data is included in documentation as examples of method procedures. [ ] Yes [ ] No

2. All flagged data is supported with complete associated tangible raw data. (e.g. depiction of matrix interferences, spiked recoveries reported outside of control limits, evidence for need for dilution etc.). [ ] Yes [ ] No

Note: Any "no" answer must be explained at the conclusion of this form. Items not applicable should be left unmarked.

4. Submitter Information

Date_____

Name of Person submitting this evaluation_____

Affiliation_____

Signature_____ Date_____

Additional Preparers_____

RECAP FORM 4
SAMPLING INFORMATION SUMMARY

DATE: _____ **Page __ of** _____

Site Name: _____
Site Physical Address: _____
_____
LDEQ Site I.D. Number(s): _____
_____

Sample Location No.				
Sample Identification No.				
Laboratory Sample I.D. No.				
Date Sampled (yy,mm,dd)				
Media Sampled				
Sample Type				
Sample Collection Point				
Sampling Equipment				
Sample Depth (BGS)				
Sample Elevation (NGVD)				
Ground Surface Elevation (NGVD)				
Sampling Comments				
Replicate?	Y / N	Y / N	Y / N	Y / N
Replicate Sequence Number				

~~RECAP FORM 4~~
~~SAMPLING INFORMATION SUMMARY~~
~~Definitions~~

~~**DATE:** *Date of completion of this report (yy,mm,dd).* ***EXAMPLE: 970131***~~

~~**PAGE __ of __:** *Page sequence of report.* ***EXAMPLE: PAGE 1 of 2***~~

~~**SITE NAME:** *The name by which the site is referred to in correspondence to the LDEQ.* ***EXAMPLE: RECAP Corporation, Baton Rouge Terminal.***~~

~~**SITE PHYSICAL ADDRESS:** *The physical address of the site that is being evaluated.* ***EXAMPLE: 7290 BLUEBONNET BLVD, BATON ROUGE LA 70809.***~~

~~**LDEQ SITE I.D. NUMBER(S):** *LDEQ identification numbers that are assigned to this site.* ***EXAMPLE: LAD000000001, GD-033-0001, LA00000001, etc.***~~

~~**SAMPLE LOCATION NO.:** *The unique identification number assigned by the site to the location where the sample was collected.* ***EXAMPLE: B-1, MW-1, SW-3, etc.***~~

~~**SAMPLE IDENTIFICATION NO.:** *The unique identification number that was used to identify this sample during the sampling event.* ***EXAMPLE: 970101-A.***~~

~~**LABORATORY SAMPLE I.D. NO.:** *The unique identification number that was assigned to the sample by the laboratory performing an analysis of the sample.* ***EXAMPLE: 27020.01***~~

~~**DATE SAMPLED:** *The year, month and day the well was sampled.* ***EXAMPLE: 970101.***~~

~~**MEDIA SAMPLED:** *The media collected for analyses.* ***EXAMPLE: Air, Surface Water, Sediment, Ground Water, Surface Soil, Subsurface Soil, etc.***~~

~~**SAMPLE TYPE:** *The sampling technique that was used to collect this sample.* ***EXAMPLE: Grab, Composite.***~~

~~**SAMPLE COLLECTION POINT:** *Description of the point where sample is taken.* ***EXAMPLE: Borehole, Monitoring Well, Outfall Canal, etc.***~~

~~SAMPLING INFORMATION SUMMARY~~
~~Definitions~~
~~(Continued)~~

~~**SAMPLING EQUIPMENT:** *The equipment used to collect the sample.* ***EXAMPLE: Bailer, Bladder pump, etc.***~~

~~**SAMPLE DEPTH (BGS):** *The depth below ground surface where the sample was collected measured in feet. If not applicable (above ground air sample) NA should be placed in this field.* ***EXAMPLE: 10 Feet, 5 Feet.***~~

~~**SAMPLE ELEVATION (NGVD):** *The elevation, in feet, of the interval where the sample was collected relative to the National Geodetic Vertical Datum of 1929. If this information has not been evaluated NE should be placed in this field.* ***EXAMPLE: +32 Feet.***~~

~~**GROUND SURFACE ELEVATION (NGVD):** *The elevation of the ground surface, in feet, at the location where the sample was collected relative to the National Geodetic Vertical Datum of 1929. If this information has not been evaluated NE should be placed in this field.* ***EXAMPLE: +2 Feet.***~~

~~**SAMPLING COMMENTS:** *Comments pertaining to the sampling event or relative to any value that was provided for the previously listed fields.*~~

~~**REPLICATE:** *Sample(s) collected from a well to be analyzed for the same parameter(s) during one sampling event. Please circle* ***Y*** *(Yes) or* ***N*** *(No).*~~

~~**REPLICATE SEQUENCE NUMBER:** *Sequential number of replicate sample(s).*~~
~~***EXAMPLE:*** *REPLICATE?* ***Y*** *REPLICATE SEQUENCE NUMBER* ***1***~~

RECAP FORM 3
GROUNDWATER ANALYTICAL DATA SUMMARY [1]

DATE: **PAGE of**

SITE NAME/AI #:

SITE PHYSICAL ADDRESS:

AOI:

Monitoring Well No. and Sampling Date	TOC Elevation (feet)	Depth to Water (feet)	Depth to Product (feet)	Product Thickness (feet)	Corrected Groundwater Elevation (feet)	COC_1 (mg/l)	COC_2 (mg/l)	COC_3 (mg/l)	COC_i (mg/l)
Minimum Concentration:									
Maximum Concentration:									
Limiting RECAP Standard:									
If a GW3 Zone, UCL-AM Concentration:									

[1] **Include historical data to the most recent data for each well**

RECAP FORM ~~5~~4
GROUND WATER MONITORING WELL CHARACTERISTICS

DATE: _____ **Page __ of ___**

Site Name:_____

Monitoring Well Characteristics

SITE MONITORING WELL NO.				
PERMIT NUMBER/AUTHORIZATION				
~~DOTD~~ DNR I.D.				
LATITUDE				
LONGITUDE				
LAT/LONG METHOD				
UNIT/AREA MONITORED				
WELL LOCATION				
WELL TYPE				
WELL STATUS				
GRADIENT				
CASING DIAMETER (INCHES)				
CASING MATERIAL				
DATE COMPLETED (yy,mm,dd)				
ZONE MONITORED				
ZONE THICKNESS (FEET)				
ELEV. OF MEASURING POINT (NGVD)				
WELL DEPTH AT INSTALLATION (FEET BGS)				
GROUND SURFACE ELEVATION (NGVD)				
TOP OF SCREENED INTERVAL (NGVD)				
BOTTOM OF SCREENED INTERVAL (NGVD)				
SUMP LENGTH (FEET)				

RECAP FORM 5
GROUND WATER MONITORING WELL CHARACTERISTICS
Definitions/List of Values

DATE: *Date of completion of this report (yymmdd). Example 970131*

PAGE __ of __: *Page sequence of report. Example Page 1 of 2*

SITE NAME: *The name by which the site is referred to in correspondence to the LDEQ.* ***EXAMPLE: Ground Water Corporation, Baton Rouge Terminal***

SITE MONITORING WELL NO.: *The identification commonly used by the site to identify this well in correspondence to the LDEQ.* ***EXAMPLE: MW-1***

PERMIT NUMBER / AUTHORIZATION: *The permit number or other authorization under which the well was installed.* ***EXAMPLE: GD-001-1234, LAD 000000001, GW-001***

DOTD I.D. NO.: *The identification number assigned to this well by the Louisiana Department of Transportation and Development (DOTD).* ***EXAMPLE: 295706090105501***

LATITUDE: *Latitude of the well rounded to the nearest .01 of a second.* ***EXAMPLE: 30° 28' 50.01"***

LONGITUDE: *Longitude of the well rounded to the nearest .01 of a second.* ***EXAMPLE: 90° 11' 30.01"***

LAT/LONG METHOD: *The method used to obtain the latitude and longitude of the well. The following are valid:*

SUR-GPS = surveyed using differential-mode global positioning system (GPS)
NAV-GPS = surveyed using absolute-mode (navigation-quality) GPS
SUR-C = cadastral survey
MAP = digital or manual interpolation from a map or photo
LORAN-C = Loran-C navigation device or radiotriangulation
ADDMAT = address-matched to a sub-portion of a street block
PHOTO-GM = aerial photography
SPCSCONV = conversion from state plane coordinate system
TSRCONV = conversion from township-section-range system
UTMCONV = conversion from Universal Transverse Mercator (UTM) coordinates
OTHER = method other than those listed above

UNIT/AREA MONITORED: *The designated Unit or Area intended to be monitored or from which contaminants are being recovered by this well.* ***EXAMPLE: Aeration Basin #1***

GROUND WATER MONITORING WELL CHARACTERISTICS
Definitions/List of Values
(Continued)

WELL LOCATION: *A general description of the physical location of the well within the site, which may be described by relationship to surrounding appurtenances or plant data points.* ***EXAMPLE: SW Corner of Tank 101***

WELL TYPE: *The designation of the usage of this well. Please choose one of the following: piezometer (**P**), monitoring (**M**), recovery (**R**). If other, please note.*

WELL STATUS: *The current status of the well. Please choose one of the following: active (**A**), inactive (**I**), plugged and abandoned (**P & A**). If other, please note.*

GRADIENT: *The location of this well in relation to the Unit or Area monitored and the direction of ground water flow. Please choose from the following: up (**UG**), down (**DG**), lateral (**L**). If other, please note.*

CASING DIAMETER: *The diameter of the well casing, expressed in inches.*

CASING MATERIAL: *The construction material of the inner well casing.*

The following construction materials are valid:

PVC	*PVC*
OTHPL	*Other plastic*
TEFLON	*Teflon*
SS305	*Stainless steel 305*
SS316	*Stainless steel 316*
OTHSS	*Other stainless steel*
STEEL	*Steel*
CTSTL	*Coated steel*
OTHRM	*Other metal*
TILE	*Tile*
OTHER	*Other material*

DATE COMPLETED: *The date the well was initially developed subsequent to installation (yymmdd).* ***Example: 940101***

ZONE MONITORED: *The name of the water bearing zone in which this well is screened and is commonly referred.* ***EXAMPLE: Norco Aquifer, B-Zone, 60-Foot Zone***

ZONE THICKNESS: *The thickness of the zone monitored at this well location, expressed in number of feet or ND if not determined.* ***EXAMPLE: 5'***

ELEVATION OF MEASURING POINT: *Elevation from the National Geodetic Vertical Datum (NGVD) of the point on top of the inner casing of the well which is used as a reference point for well measurements, to .01 feet.* ***EXAMPLE: + 23.55 ft***

WELL DEPTH AT INSTALLATION: *Elevation from the NGVD of the depth of well at time of installation, to .01 feet.* ***EXAMPLE: - 23.01 ft***

~~**GROUND WATER MONITORING WELL CHARACTERISTICS**~~
~~**Definitions/List of Values**~~
~~**(Continued)**~~

~~**GROUND SURFACE ELEVATION:** *Elevation from the NGVD of the ground surface at the well location, to .01 feet.* ***EXAMPLE: + 20.55 ft***~~

~~**TOP OF SCREENED INTERVAL:** *Elevation from the NGVD of the top of the well screen, to .01 feet.* ***EXAMPLE: - 25.01 ft***~~

~~**BOTTOM OF SCREENED INTERVAL:** *Elevation from the NGVD of the bottom of the well screen, to .01 feet.* ***EXAMPLE: - 30.01 ft***~~

~~**SUMP LENGTH:** *Length of the blank section of casing below the base of the screened interval, to .01 feet.* ***EXAMPLE: 2.00 ft***~~

RECAP FORM ~~6~~5
GROUND WATER MONITORING WELL SAMPLING EVENT SUMMARY

DATE: _____ **Page ___ of ___**

AI#: _____

Site Name : _____

SITE MONITORING WELL NO.				
~~DOTD~~ DNR I.D.				
Date Sampled (yy,mm,dd)				
Gallons purged				
Purge Method				
Sampling Equipment				
Depth to Ground Water (ft)				
Ground Water Elevation Prior to Purging (NGVD)				
Well Depth for this Sampling Event (NGVD)				
Comments				
Sampling Frequency				

~~RECAP FORM 6~~
~~GROUND WATER MONITORING WELL SAMPLING EVENT SUMMARY~~
~~Definitions/List of Values~~

~~**DATE:** *Date of completion of this report (yymmdd). Example: 970131*~~

~~**PAGE__of__:** *Page sequence of report. Example: Page 1 of 2.*~~

~~**SITE NAME:** *The name by which the site is referred to in correspondence to the LDEQ.* ***EXAMPLE: Ground water Corporation, Baton Rouge Terminal***~~

~~**SITE MONITORING WELL NO.:** *The identification which is commonly used by the site to identify this well in correspondence to the LDEQ.* ***EXAMPLE: MW-1***~~

~~**DOTD I.D. NO.:** *The identification number which has been assigned to this well by the Louisiana Department of Transportation and Development (DOTD).* ***EXAMPLE: 295706090105501***~~

~~**DATE SAMPLED:** *The year, month and day the well was sampled.* ***EXAMPLE: 940101***~~

~~**GALLONS PURGED:** *The total volume of liquids removed from the well prior to sampling, expressed in gallons.* ***EXAMPLE: 25.5 gal.***~~

~~**PURGE METHOD**: *The method used to purge liquids from each well prior to sampling.* ***EXAMPLE: bailer***~~

~~**SAMPLING EQUIPMENT:** *The equipment used to collect the sample.* ***EXAMPLE: bailer***~~

~~**DEPTH TO GROUND WATER:** *The depth to ground water measured from the reference point to .01 feet.* ***EXAMPLE: 7.77 ft***~~

~~**GROUND WATER ELEVATION PRIOR TO PURGING:** *The elevation from the NGVD of the ground water prior to purging the well.* ***EXAMPLE: -7.77 ft***~~

~~**WELL DEPTH FOR THIS SAMPLING EVENT:** *The total depth of the well, relative to NGVD, as measured during this sampling event. If no total depth measurement is taken during the sampling event please state* ***NM*** *(not measured).* ***EXAMPLE -35.33 ft***~~

~~**COMMENTS:** *Note any pertinent comments regarding the sampling event.* ***EXAMPLE: Very Turbid, Sample Dilution***~~

~~**SAMPLING FREQUENCY:** *The frequency that the well is sampled. Please use Monthly (M), Quarterly (Q), Semi-Annually (SA), Annually (A). Note any other sampling frequency.*~~

~~1/1~~

~~RECAP FORM 7~~
~~SITE-SPECIFIC ENVIRONMENTAL FATE AND TRANSPORT DATA SUMMARY~~

~~Area of Investigation:~~ _____

~~[ ] $Soil_i$, [ ] $Soil_{ni}$, $Soil_i$ PEF [ ] or $Soil_{ni}$ PEF [ ]:~~

~~VF:~~

~~Area of impacted soil (acre):~~ _____
~~D_A (cm^2/s)~~ _____
~~T (sec)~~ _____
~~Q_a (L_{air}/L_{soil})~~ _____
~~n (L_{air}/L_{soil})~~ _____
~~Q/C (g/m^2-s per kg/m^3):~~ _____
~~ρ_b (g/cm^3):~~ _____
~~θ_W (L_{water}/L_{soil}):~~ _____
~~ρ_s (g/cm^3):~~ _____
~~f_{oc} (g/g):~~ _____

~~PEF:~~

~~Area of impacted soil (acre):~~ _____
~~Q/C (g/m^2-s per kg/m^3):~~ _____
~~V (unitless):~~ _____
~~U_m (m/s):~~ _____
~~U_t (m/s):~~ _____
~~F(x) (unitless):~~ _____

~~[ ] $Soil_{es}$:~~

~~VF:~~

~~ρ_s (g/cm^3):~~ _____
~~ρ_b (g/cm^3):~~ _____
~~D_s (cm^2/sec)~~ _____
~~n (L_{pore}/L_{soil})~~ _____
~~L_s (cm):~~ _____
~~θ_W (L_{water}/L_{soil}):~~ _____
~~θ_a (L_{air}/L_{soil}):~~ _____
~~ER (l/s):~~ _____
~~L_B (cm):~~ _____
~~D_{crack} (cm^2/s)~~ _____
~~L_{crack} (cm):~~ _____
~~f_{oc} (g/g):~~ _____
~~FC (cm^2-cracks/cm^2 total area):~~ _____

~~D_s:~~

~~ρ_b (g/cm^3):~~ _____
~~θ_W (L_{water}/L_{soil}):~~ _____
~~θ_a (L_{air}/L_{soil}):~~ _____
~~n (L_{pore}/L_{soil}):~~ _____
~~ρ_s (g/cm^3):~~ _____

~~D_{crack}:~~

~~ρ_b (g/cm^3):~~ _____
~~θ_{wcrack} (cm^3 H_2O/cm^3 total volume):~~ _____
~~θ_{acrack} (cm^3 air/cm^3 total volume):~~ _____
~~n (L_{pore}/L_{soil}):~~ _____
~~ρ_s (g/cm^3):~~ _____

~~[ ] $Soil_{GW}$ Method 1:~~

~~$GW_{1,2,3DW,3NDW}$ (mg/l)~~ _____
~~ρ_b (g/cm^3):~~ _____
~~θ_W (L_{water}/L_{soil}):~~ _____
~~f_{oc} (g/g):~~ _____
~~ρ_s (g/cm^3):~~ _____
~~θ_a (L_{air}/L_{soil}):~~ _____
~~n (L_{pore}/L_{soil}):~~ _____

~~Summers Model:~~

~~Area of impacted soil (acre):~~ _____
~~Q_A (m^3/d):~~ _____
~~Q_P (m^3/d):~~ _____
~~C_l (mg/l)~~ _____

~~Q_P:~~

~~I (m/yr):~~ _____
~~S_w (m):~~ _____
~~L (m):~~

~~Q_a:~~

~~D_v (m/yr):~~ _____
~~S_d (m):~~ _____
~~S_w (m):~~

~~**C_i:**~~

~~C_{Tw} (mg/kg):~~ _____
~~ρ_b (g/cm^3):~~ _____
~~n (cm^3/cm^3):~~ _____
~~θ_W (L_{water}/L_{soil}):~~ _____
~~f_{oc} (g/g):~~

~~**S_d:**~~

~~h_{adv} (ft):~~ _____
~~h_{disp} (ft):~~

~~**H_{adv}:**~~

~~I (ft/yr):~~ _____
~~D_v (ft/yr):~~ _____
~~B (ft):~~ _____
~~L (ft):~~

~~**h_{disp}:**~~

~~α_z (ft):~~ _____
~~L (ft):~~

~~**Domenico Model:**~~

~~Area of impacted soil (acre):~~ _____
~~S_w (ft):~~ _____
~~D_v (ft/yr):~~ _____
~~n (unitless):~~ _____
~~λ_i (unitless):~~ _____
~~R_i (unitless) :~~ _____
~~i (ft/ft):~~ _____
~~x (ft):~~ _____
~~S_d (ft):~~ _____
~~K (ft/yr):~~ _____
~~V:~~ _____
~~α_x (ft)~~ _____
~~α_y (ft)~~ _____
~~α_z (ft)~~ _____
~~erf~~ _____

~~**S_d:**~~

~~h_{adv} (ft):~~ _____
~~h_{disp} (ft):~~

~~[ ] Soil$_{GW}$ Method 2:~~

~~$GW_{1,2,3DW,3NDW}$ (mg/l)~~ _____
~~GW_{conc} (mg/l):~~ _____
~~$Soil_{conc}$ (mg/kg):~~ _____

~~$Soil_{sat}$:~~

~~ρ_b (g/cm^3):~~ _____
~~f_{oc} (g/g):~~ _____
~~θ_W (L_{water}/L_{soil}):~~ _____
~~ρ_s (g/cm^3):~~ _____
~~θ_a (L_{air}/L_{soil}):~~ _____
~~n (L_{pore}/L_{soil}):~~ _____

~~[ ] GW_2 or [ ] GW_3:~~

~~Domenico Model~~~~:~~

~~Area of impacted soil (acre):~~ _____
~~S_w (ft):~~ _____
~~D_v (ft/yr):~~ _____
~~n (unitless):~~ _____
~~λ_i (unitless):~~ _____
~~R_i (unitless) :~~ _____
~~i (ft/ft):~~ _____
~~x (ft):~~ _____
~~S_d (ft):~~ _____
~~K (ft/yr):~~ _____
~~V:~~ _____
~~α_x (ft)~~ _____
~~α_y (ft)~~ _____
~~α_z (ft)~~ _____
~~erf~~ _____

~~S_d:~~

~~h_{adv} (ft):~~ _____
~~h_{disp} (ft):~~

~~[ ] GW_{es}:~~

~~C_a (ug/m^3):~~ _____
~~VF (mg/m^3/mg/l):~~

~~VF:~~

~~L_{GW} (cm):~~ _____
~~ER (l/s):~~ _____
~~L_B (cm):~~ _____
~~L_{crack} (cm):~~ _____
~~FC (cm^3 cracks/cm^3 total area):~~ _____
~~D_{ws} (cm^2/s):~~ _____
~~D_{crack} ((cm^2/s):~~ _____

~~D_{ws}:~~

~~h_{cap} (cm):~~ _____
~~h_v (cm):~~ _____
~~D_{cap} (cm^2/s):~~ _____
~~D_s (mg/kg):~~ _____

~~D_{crack}:~~

~~θ_{acrack} (cm^3 air/cm^3 total volume):~~ _____
~~θ_{wcrack} (cm^3 water/cm^3 total volume):~~ _____
~~n (cm^3/cm^3 soil):~~ _____
~~ρ_b (g/cm^3):~~ _____
~~ρ_s (g/cm^3):~~ _____

~~D_{cap}:~~

~~n (cm^3/cm^3 soil):~~ _____
~~ρ_b (g/cm^3):~~ _____
~~ρ_s (g/cm^3):~~ _____
~~θ_{acap} (cm^3 air/cm^3 soil)~~ _____
~~θ_{wcap} (cm^3 H_2O/cm^3 soil)~~ _____

~~D_s:~~

~~θ_a (L_{air}/L_{soil}):~~ _____
~~ρ_b (g/cm^3):~~ _____
~~ρ_s (g/cm^3):~~ _____
~~θ_W (L_{water}/L_{soil}):~~ _____
~~n (L_{pore}/L_{soil}):~~ _____

~~[ ] GW_{air}:~~

~~C_a (ug/m^3):~~ _____
~~VF (mg/m^3/mg/l):~~

~~VF:~~

~~D_{ws} (cm^2/s):~~ _____

~~L_{GW} (cm):~~ _____

~~U_{air} (cm/s):~~ _____

~~W (cm):~~ _____

~~δ_{air} (cm):~~ _____

~~D_{ws}:~~

_____

~~h_{cap} (cm):~~ _____

~~h_v (cm):~~ _____

_____

_____

~~D_{cap}:~~

_____

~~θ_{acap} (cm^3-air/cm^3-soil)~~ _____

~~n (cm^3/cm^3-soil):~~ _____

~~θ_{wcap} (cm^3-water/cm^3-soil)~~ _____

~~ρ_b (g/cm^3):~~ _____

~~ρ_s (g/cm^3):~~ _____

~~D_s:~~

~~θ_a (L_{air}/L_{soil}):~~ _____

~~ρ_b (g/cm^3):~~ _____

~~ρ_s (g/cm^3):~~ _____

~~θ_W (L_{water}/L_{soil}):~~ _____

~~n (L_{poren}/L_{soil}):~~ _____

~~RECAP FORM 8~~
~~CHEMICAL-SPECIFIC DATA SUMMARY~~

~~Hierarchy of References for Chemical-Specific Values:~~

~~1.~~ _____
~~2.~~ _____
~~3.~~ _____
~~4.~~ _____
~~5.~~ _____

~~Hierarchy of References for Toxicity Values:~~

~~1.~~ _____
~~2.~~ _____
~~3.~~ _____
~~4.~~ _____
~~5.~~ _____

~~[ ] Soil$_i$, [ ] Soil$_{ni}$, [ ] Soil$_i$ PEF, or [ ] Soil$_{ni}$ PEF:~~

~~Toxicity Data:~~

~~COC~~	~~RfD$_o$ mg/kg-d~~	~~Ref~~	~~RfD$_i$ mg/kg-d~~	~~Ref~~	~~Target(s)~~	~~Ref~~	~~SF$_o$ (mg/kg-d)$^{-1}$~~	~~Ref~~	~~SF$_i$ (mg/kg-d)$^{-1}$~~	~~Ref~~

~~VF:~~

~~COC~~	~~D_i (cm^2/s)~~	~~Ref~~	~~H ($atm\text{-}m^3/mol$)~~	~~H' (unitless)~~	~~Ref~~	~~D_w (cm^2/s)~~	~~Ref~~	~~K_d (cm^3/g)~~	~~Ref~~	~~K_{oc} (cm^3/g)~~	~~Ref~~

~~[ ] $Soil_{es}$:~~

~~Toxicity Data:~~

~~COC~~	~~RfD_o mg/kg-d~~	~~Ref~~	~~RfD_i mg/kg-d~~	~~Ref~~	~~Target(s)~~	~~Ref~~	~~SF_o $(mg/kg\text{-}d)^{-1}$~~	~~Ref~~	~~SF_i $(mg/kg\text{-}d)^{-1}$~~	~~Ref~~

~~VF:~~

~~COC~~	~~D_i (cm^2/s)~~	~~Ref~~	~~H ($atm\text{-}m^3/mol$)~~	~~H' (unitless)~~	~~Ref~~	~~D_w (cm^2/s)~~	~~Ref~~	~~K_d (cm^3/g)~~	~~Ref~~	~~K_{oc} (cm^3/g)~~	~~Ref~~

~~D_s and D_{crack}:~~

~~COC~~	~~H ($atm\text{-}m^3/mol$)~~	~~H' (unitless)~~	~~Ref~~	~~D_{air} (cm^2/s)~~	~~Ref~~	~~D_{wat} (cm^2/s)~~	~~Ref~~

~~[ ] Soil$_{GW}$ Method 1:~~

~~Soil/water partition equation and Summers model:~~

~~COC~~	~~H (atm-m^3/mol)~~	~~H' (unitless)~~	~~Ref~~	~~K$_d$ (cm^3/g)~~	~~Ref~~	~~K$_{oc}$ (cm^3/g)~~	~~Ref~~

~~[ ] Soil$_{sat}$:~~

~~COC~~	~~S (mg/l)~~	~~Ref~~	~~H (atm-m^3/mol)~~	~~H' unitless)~~	~~Ref~~	~~K$_d$ (cm^3/g)~~	~~Ref~~	~~K$_{oc}$ (cm^3/g)~~	~~Ref~~

~~[ ] GW$_1$ or [ ] GW$_2$:~~

~~Toxicity Data:~~

~~COC~~	~~RfD$_o$ mg/kg-d~~	~~Ref~~	~~RfD$_i$ mg/kg-d~~	~~Ref~~	~~Target(s)~~	~~Ref~~	~~SF$_o$ (mg/kg-d)$^{-1}$~~	~~Ref~~	~~SF$_i$ (mg/kg-d)$^{-1}$~~	~~Ref~~

~~[ ] GW$_3$:~~

~~Toxicity Data:~~

~~COC~~	~~RfD$_o$ mg/kg-d~~	~~Ref~~	~~RfD$_i$ mg/kg-d~~	~~Ref~~	~~Target(s)~~	~~Ref~~	~~SF$_o$ (mg/kg-d)$^{-1}$~~	~~Ref~~	~~SF$_i$ (mg/kg-d)$^{-1}$~~	~~Ref~~	~~BCF (l/kg)~~	~~Ref~~

[ ] GW$_{cs}$:

Toxicity Data:

COC	RfD$_o$ mg/kg-d	Ref	RfD$_i$ mg/kg-d	Ref	Target(s)	Ref	SF$_o$ (mg/kg-d)$^{-1}$	Ref	SF$_i$ (mg/kg-d)$^{-1}$	Ref

VF:

COC	H (atm-m^3/mol)	H' (unitless)	Ref

~~D_{crack}, D_{cap} and D_s:~~

~~COC~~	~~H (atm-m^3/mol)~~	~~H' (unitless)~~	~~Ref~~	~~D_{air} (cm^2/s)~~	~~Ref~~	~~D_{wat} (cm^2/s)~~	~~Ref~~

~~[ ] GW_{air}:~~

~~Toxicity Data:~~

~~COC~~	~~RfD_o mg/kg-d~~	~~Ref~~	~~RfD_i mg/kg-d~~	~~Ref~~	~~Target(s)~~	~~Ref~~	~~SF_o (mg/kg-d)$^{-1}$~~	~~Ref~~	~~SF_i (mg/kg-d)$^{-1}$~~	~~Ref~~

~~VF:~~

~~COC~~	~~D_i (cm^2/s)~~	~~Ref~~	~~H ($atm\text{-}m^3/mol$)~~	~~H' (unitless)~~	~~Ref~~	~~D_w (cm^2/s)~~	~~Ref~~	~~K_d (cm^3/g)~~	~~Ref~~	~~K_{oc} (cm^3/g)~~	~~Ref~~

~~D_{cap} and D_s:~~

~~COC~~	~~H ($atm\text{-}m^3/mol$)~~	~~H' (unitless)~~	~~Ref~~	~~D_{air} (cm^2/s)~~	~~Ref~~	~~D_{wat} (cm^2/s)~~	~~Ref~~

~~RECAP FORM 9~~
~~MANAGEMENT OPTION 3 SITE-SPECIFIC EXPOSURE DATA SUMMARY~~

~~Receptor: _____~~

~~Parameter~~	~~Definition~~	~~Input Value~~	~~Reference~~
~~TR~~	~~target excess individual lifetime cancer risk (unitless)~~		
~~EF~~	~~exposure frequency (days/yr)~~		
~~ED~~	~~exposure duration (yr)~~		
~~ET~~	~~exposure time (hr)~~		
~~BW~~	~~body weight (kg)~~		
~~IRS~~	~~soil ingestion rate (mg/day)~~		
~~IRA~~	~~inhalation rate (m^3/day)~~		
~~IRW~~	~~water ingestion rate (L/day)~~		
~~SA~~	~~skin surface area (cm^2/day)~~		
~~AF~~	~~soil-to-skin adherence factor (mg/cm^2)~~		
~~IRF~~	~~fish/shellfish ingestion rate (kg/day)~~		
~~IRW~~,	~~incidental water ingestion rate (L/day)~~		
~~Other:~~			

RECAP FORM ~~10~~6
SCREENING OPTION SUBMITTAL FOR SOIL

SOIL - Identification of the Limiting ~~SO~~ SS:

COC	~~o~~ □ $Soil_{SS}$ ~~i~~ ~~o~~ □ $Soil_{SSni}$ (mg/kg)	$Soil_{SSGW}$ (mg/kg)	Limiting SS (mg/kg)

SOIL – Identification of the AOIC:

COC	Maximum Concentration (mg/kg)	Location	Depth Interval (ft.)

SO SOIL RECAP ASSESSMENT:

COC	Limiting SS (mg/kg)	Maximum Concentration (mg/kg)	AOIC Complies with~~Exceeds~~ LSS?

RECAP FORM 6 (Continued)
SCREENING OPTION SUBMITTAL FOR SOIL

SO LEACHATE ANALYSIS (if applicable):

COC	Soil Concentration (mg/kg)	Leachate Result (mg/l)	Sample Location	Depth Interval (feet)	GW_1 (mg/l)	$DF_{summers}$	$Soil_{LSS}$ [1] (mg/l)

[1]Soil leachate screening standard, refer to Section 3.3.

RECAP FORM 11
MANAGEMENT OPTION 1 SUBMITTAL FOR SOIL 0-15 FT BGS

SOIL 0-15 ft bgs – Identification of the Limiting MO-1RS:

COC	o $Soil_i$ o $Soil_{ni}$	Additivity Divisor	Final o $Soil_i$ o $Soil_{ni}$	o $Soil_{GW1}$ o $Soil_{GW2}$ o $Soil_{GW3DW}$ o $Soil_{GW3NDW}$	oNO DF o DF2 o DF3 o DF3	Final $Soil_{GW}$	o $Soil_{esi}$ o $Soil_{esni}$	$Soil_{sat}$	Limiting MO-1 RS

SOIL 0-15 ft bgs – Identification of the AOIC:

COC	Maximum Concentration (mg/kg)	95%UCL-AM Concentration (mg/kg)	AOI Concentration (mg/kg)

MO-1 SOIL 0-15 ft bgs RECAP ASSESSMENT:

COC	Limiting MO-1 RS (mg/kg)	AOI Concentration (mg/kg)	AOIC Exceeds MO-1 LRS?

~~RECAP FORM 12~~
~~MANAGEMENT OPTION 1 SUBMITTAL FOR SOIL > 15 FT BGS~~

~~SOIL >15 ft bgs – Identification of the Limiting MO-1RS:~~

~~COC~~	~~o Soil$_{GW1}$~~ ~~o Soil$_{GW2}$~~ ~~o Soil$_{GW3DW}$~~ ~~o Soil$_{GW3NDW}$~~	~~o NO-DF~~ ~~o DF2~~ ~~o DF3~~ ~~o DF3~~	~~Final Soil$_{GW}$~~	~~Soil$_{sat}$~~	~~Limiting MO-1RS~~

~~SOIL >15 ft bgs – Identification of the AOIC:~~

~~COC~~	~~Maximum Concentration (mg/kg)~~	~~95%UCL-AM Concentration (mg/kg)~~	~~AOI Concentration (mg/kg)~~

~~MO-1 SOIL > 15 FT BGS RECAP ASSESSMENT:~~

~~COC~~	~~Limiting MO-1 RS (mg/kg)~~	~~AOI Concentration (mg/kg)~~	~~AOIC Exceeds MO-1 LRS?~~

RECAP FORM ~~13~~7
MANAGEMENT OPTION □ 1 □ 2 ~~or~~ □ 3 -SUBMITTAL FOR SOIL 0-15 FT BGS

SOIL 0-15 ft bgs - Identification of the Limiting RS:

COC	□~~o~~ $Soil_i$ □~~o~~ $Soil_{ni}$	Additivity Divisor	Final □ ~~o~~ $Soil_i$ □ ~~o~~ $Soil_{ni}$	□~~o~~ $Soil_{GW1}$ □ ~~o~~ $Soil_{GW2}$ □~~o~~ $Soil_{GW3DW}$ □ ~~o~~$Soil_{GW3NDW}$	□ ~~o~~N~~o~~~~O~~ DA~~A~~F □~~o~~ DA~~A~~F2 □~~o~~ DA~~A~~F3 ~~o DAF3~~	Final $Soil_{GW}$	$Soil_{sat}$	Limiting RS~~o~~ ~~$Soil_{esi}$~~ ~~o $Soil_{esni}$~~ ~~$Soil_{es}$~~	~~Additivity Divisor~~	~~Final Soil~~ ~~es~~	~~Limiting RS~~

SOIL 0-15 ft bgs – Identification of the AOIC:

COC	Maximum Concentration (mg/kg)	~~95%~~UCL-AM Concentration (mg/kg)	AOI Concentration (mg/kg)

MO-2 SOIL 0-15 ft bgs RECAP ASSESSMENT:

COC	Limiting RS (mg/kg)	AOI Concentration (mg/kg)	Does AOIC Comply wit~~Exceedhs~~ LRS?

RECAP FORM 7 (Continued)
MANAGEMENT OPTION □ 1 □ 2 □ 3 SUBMITTAL FOR SOIL 0-15 FT BGS

Leachate Analysis for Soil 0-15 ft bgs (if applicable):

COC	Soil Concentration (mg/kg)	Leachate Result (mg/l)	Sample Location	Depth Interval (feet)	Groundwater RS (mg/l)	Dilution Factor	$Soil_{LS}$[1] (mg/l)

[1] Soil Leachate RS; refer to Section 4.3.1 for MO-1; refer to Section 5.3.1 for MO-2; refer to Section 6.3 for MO-3.

RECAP FORM 8~~14~~

MANAGEMENT OPTION ☐ 1 ☐ 2 ~~or~~ ☐ 3 SUBMITTAL FOR SOIL > 15 FT BGS

SOIL > 15 ft bgs- Identification of the Limiting RS:

COC	☐~~o~~ $Soil_{GW1}$ ☐~~o~~ $Soil_{GW2}$ ☐~~o~~ $Soil_{GW3DW}$ ☐~~o~~ $Soil_{GW3NDW}$	☐ ~~o~~N~~o~~~~O~~ D~~A~~F ☐~~o~~ D~~A~~F2 ☐~~o~~ D~~A~~F3 ~~o DAF3~~	Final $Soil_{GW}$	$Soil_{sat}$	Limiting RS~~Soil~~~~es~~	~~Additivity Divisor~~	~~Final Soil~~ ~~es~~	~~Limiting RS~~

SOIL > 15 ft bg~~f~~s – Identification of the AOIC:

COC	Maximum Concentration (mg/kg)	~~95%~~UCL-AM Concentration (mg/kg)	AOI Concentration (mg/kg)

MO-2 SOIL > 15 ft bgs RECAP ASSESSMENT:

COC	Limiting RS (mg/kg)	AOI Concentration (mg/kg)	Does AOIC Comply with~~Exceeds~~ LRS?

RECAP FORM 8 (Continued)
MANAGEMENT OPTION □ 1 □ 2 □ 3 SUBMITTAL FOR SOIL > 15 FT BGS

Leachate Analysis for Soil > 15 ft bgs (if applicable):

COC	Soil Concentration (mg/kg)	Leachate Result (mg/l)	Sample Location	Depth Interval (feet)	Groundwater RS (mg/l)	Dilution Factor	$Soil_{LS}$[1] (mg/l)

[1] Soil Leachate RS; refer to Section 4.3.1 for MO-1; refer to Section 5.3.1 for MO-2; refer to Section 6.3 for MO-3.

RECAP FORM 9~~15~~
SCREENING OPTION SUBMITTAL FOR GROUNDWATER

GROUNDWATER - Identification of the ~~SO~~ SS:

COC	GW_{SS} (mg/l)

GROUNDWATER – Compliance Concentration:

COC	Compliance Concentration (mg/l)	Location

~~SO~~ GROUNDWATER RECAP ASSESSMENT:

COC	GW_{SS} (mg/l)	Compliance Concentration (mg/l)	Does CC Comply with~~Exceeds~~ SS?

RECAP FORM 16
MANAGEMENT OPTION 1 SUBMITTAL FOR GROUNDWATER

GROUNDWATER – Identification of the Limiting MO-1RS:

COC	o GW_1 o GW_2 o GW_{3DW} o GW_{3NDW}	o NO DAF o DAF2 o DAF3 o DAF3	Final o GW_1 o GW_2 o GW_{3DW} o GW_{3NDW}	o GW_{ei} o GW_{eni}	o GW_{iii} o GW_{iini}	Solubility $Water_{sol}$	Limiting MO-1 RS

GROUNDWATER – Compliance Concentration:

COC	Compliance Concentration (mg/l)	Location

MO-1 GROUNDWATER RECAP ASSESSMENT:

COC	Limiting MO-1 RS (mg/l)	Compliance Concentration (mg/l)	CC Exceeds MO-1 LRS?

1/1

RECAP FORM 107

MANAGEMENT OPTION 1 2 or 3 SUBMITTAL FOR GROUNDWATER

GROUNDWATER - Identification of the Limiting RS:

COC	o GW_1 o GW_2 o GW_{3DW} o GW_{3NDW} (mg/l)	o N0O DAF o DAF2 o DAF3 o DAF3	Final o GW_1 o GW_2 o GW_{3DW} o GW_{3NDW} (mg/l)	Solubility ($Water_{sol}$) (mg/l)	Limiting RS (mg/l) o GW_{es}	o GW_{air}	Limiting RS

GROUNDWATER – Compliance Concentration:

COC	Compliance Concentration (mg/l)	Location

MO 2 GROUNDWATER RECAP ASSESSMENT:

COC	Limiting RS (mg/l)	Compliance Concentration (mg/l)	Does CC Comply with Exceeds LRS?

RECAP FORM 11~~8~~
ECOLOGICAL CHECKLIST

Section 1 - Facility Information

1. Name of facility: _____

2. Location of facility: _____

   Parish: _____

3. Mailing address: _____

4. Type of facility and/or operations associated with AOC:
   _____

5. Name of AOC or AOI: _____

6. If available, attach a USGS topographic map of the facility and/or ~~aerial or other~~ photographs of the release site and surrounding areas.

Section 2 - Land Use Information

1. Describe land use at ~~and in the vicinity of~~ the AOC/AOI: _____

   _____

2. Describe land use ~~adjacent to~~ near the facility:
_____

   _____

3. Provide the following information regarding the nearest surface water body which has been impacted or has the potential to be impacted by COC migrating from the AOC/AOC:

a) Name of the surface water body: _____

b) Type of surface water body:

   [ ] freshwater river or stream
   [ ] freshwater swamp/marsh/wetland
   [ ] saltwater or brackish swamp/marsh/wetland
   [ ] lake or pond
   [ ] bayou or estuary
   [ ] drainage ditch
   [ ] other: _____

c) Designated use of the surface water body segment/subsegment ~~of the surface water body~~ (LAC 33:IX):_____
   _____

d) Distance from the AOC/AOI to nearest surface water body: _____

4. Do any potentially sensitive environmental areas exist ~~adjacent to or~~ in proximity to the site, e.g., federal and state parks, federal or state wildlife refuges or management areas, national and state monuments, wetlands, etc? [ ] Yes [ ] No

   If yes, explain:
   _____

Section 3 - Release Information

1. Nature of the release: _____

2. Location of the release (within the facility): _____

3. Location of the release with respect to the facility property boundaries: _____

   _____

4. Constituents known or suspected have been released: _____

   _____

5. Indicate which media are known or suspected to be impacted and if sampling data are available:

[ ]	soil 0 - 3 feet bgs	[ ] yes [ ] no
[ ]	soil 0 - 15 feet bgs	[ ] yes [ ] no
[ ]	soil >15 feet bgs	[ ] yes [ ] no
[ ]	groundwater	[ ] yes [ ] no
[ ]	surface water/sediment	[ ] yes [ ] no

6. Has migration occurred outside the facility property boundaries? [ ] yes [ ] no

   If yes, describe the designated use of the offsite land impacted:
   _____

Section 4 - Criteria for No Further Ecological Assessment

If the AOI meets **all** of the criteria presented below, then typically no further ecological evaluation shall be required. ~~If the AOI **does not** meet **all** of the criteria, then a screening level ecological risk shall be conducted. The Submitter should make the initial decision regarding whether or not a screening level ecological risk assessment is warranted based on compliance of the AOI with criteria listed below. After review of the ecological checklist and other available site information, the Department will make a final determination on the need for a screening level ecological risk assessment. If site conditions at the AOI change such that one or more of the criteria are not met, then a screening level ecological risk assessment shall be conducted.~~ The AOI must meet these criteria ~~Answers shall be~~ based on current baseline site conditions (i.e., shall not consider future remedial actions or institutional or engineering controls).

~~Indicate if the AOI meets the following criteria:~~

(1) The area of impacted soil is approximately 5 acres or less in size (based on the AOI identified for the human health assessment) and it is not expected that the COC will migrate such that the soil AOI becomes greater than 5 acres in size;~~. [ ] yes [ ] no~~

(2) There is not a ~~-~~current release or demonstrable long-term threat of release (via runoff or groundwater discharge) of COC from the AOI to a surface water body~~. [ ] yes [ ] no~~;

~~2/3~~

(3) There is no evidence that r~~R~~ecreational species, commercial species, threatened or endangered species, and/or their habitats are ~~not~~ currently being exposed, or expected to be exposed, to COC present at or migrating from the AOI; and~~.~~

~~[ ] yes [ ] no~~

(4) There are no obvious impacts to ecological receptors or their habitats and none are expected in the future.

If the AOI **does not** meet **all** of the criteria, a screening level ecological risk shall be conducted. The Submitter shall make the initial decision regarding whether or not a screening level ecological risk assessment is warranted based on compliance of the AOI with criteria listed above. After review of the ecological checklist and other available site information, the Department will make a final determination on the need for a screening level ecological risk assessment. If site conditions at the AOI change such that one or more of the criteria are not met, then a screening level ecological risk assessment shall be conducted. ~~[ ] yes [ ] no~~

Is further ecological evaluation required at this AOI? [ ] yes [ ] no
This determination is subject to Department concurrence.

Section 5 - Site Summary

The ecological checklist submittal shall include a site summary that presents sufficient information to verify that the AOI meets or does not meet the criteria for further assessment.

Section 6 - Submitter Information

Date: _____

Name of person submitting this checklist: _____

Affiliation: _____

Signature: _____ Date: _____

Additional Preparers: _____

RECAP FORM 12
NO FURTHER ACTION AT THIS TIME (NFA-ATT) DOCUMENTATION

Section 1 - Facility Information

1. Name of facility:_____

2. Facility LDEQ Agency Interest (AI) Number: _____

3. Physical location of facility: _____

4. Parish: _____

5. Mailing address:_____

6. Name of AOI: _____

7. Describe the current and historical uses of the property on which the AOI is located and the time periods for each use/activity:

_____
_____
_____
_____
_____

Section 2 - Release Information

1. Nature of the release and date it occurred (if known):

_____
_____

2. Describe the method(s) by which the source of release was removed or mitigated?

_____
_____

3. List the Constituents of Concern (COCs) known or suspected have been released:

_____
_____

4. Briefly describe the Site Investigation(s) that have been performed and provide a final date(s) of each report submitted to the LDEQ to form the basis of a NFA-ATT decision):

_____
_____
_____
_____
_____
_____
_____
_____
_____
_____

5. Media investigated, impacted, remediated:

Media Investigated	Media Impacted	Media Remediated
☐ Surface soil	☐ Surface soil	☐ Surface soil
☐ Subsurface soil	☐ Subsurface soil	☐ Subsurface soil
☐ Groundwater 1	☐ Groundwater 1	☐ Groundwater 1
☐ Groundwater 2	☐ Groundwater 2	☐ Groundwater 2
☐ Groundwater 3_{DW}	☐ Groundwater 3_{DW}	☐ Groundwater 3_{DW}
☐ Groundwater 3_{NDW}	☐ Groundwater 3_{NDW}	☐ Groundwater 3_{NDW}
☐ Indoor air	☐ Indoor air	☐ Sediment
☐ Exterior soil gas	☐ Exterior soil gas	☐ Other:
☐ Sub-slab gas	☐ Sub-slab gas	
☐ Surface water	☐ Surface water	
☐ Sediment	☐ Sediment	
☐ Biota	☐ Biota	
☐ Other:	☐ Other:	

6. Groundwater classification(s): GW_1 ☐ GW_2 ☐ GW_{3DW} ☐ GW_{3NDW} ☐

(a) Yield and method of determination: _____

(b) Total Dissolved Solids (TDS): _____

(c) Groundwater use within one mile of the AOI, including nearest well: _____

_____

7. Management Option(s) Applied at the AOI:

☐ SO ☐ MO-1 ☐ MO-2 ☐ MO-2 Appendix G Category ☐ MO-3

8. Current land use at the AOI: ☐ Non-Industrial ☐ Industrial - NAICS: _____

9. RECAP Standards applied to the AOI are: ☐ Non-Industrial ☐ Industrial

10. Were the RS applied at the site based on a target risk of 10^{-6}? ☐ Yes ☐ No

If no, provide documentation that the requirements of Section 2.5.1 were met and that Department approval was received.

_____

_____

_____

11. Describe the types, quantities, disposal locations, and other relevant information for Investigation Derived Waste (IDW): _____

_____

_____

12. Cite where waste manifest or other disposal documentation was provided to the LDEQ in this or prior submittals (if applicable): _____

Section 3 – Remedial Action (if not applicable, skip this section and proceed to Section 4)

1. Were remedial actions (emergency, interim, or other) conducted? ☐ Yes ☐ No

2. Briefly discuss what remedial actions were implemented and what steps were taken to verify that the source has been removed/mitigated and to confirm that residual COCs currently meet RECAP/alternative remediation standards:

_____

_____

3. If applicable, provide waste disposal or disposition information including any off-site disposal of remediation wastes including types, quantities, disposal locations, or other relevant information:

_____

_____

_____

_____

4. Provide the citation where waste manifest or other disposal documentation was provided to the LDEQ in this or prior submittals:

_____

Section 4 – Institutional Controls (if not applicable, skip this section and proceed to Section 5)

Note: Institutional Controls in the form of Conveyance Notification are required for all properties having 1) residual constituent concentrations in soil that are greater than the acceptable exposure concentration defined for non-industrial (residential) land use ($Soil_{ni}$); and 2) residual constituent concentrations in a Groundwater 2 Zone (within property boundaries) that exceeds the GW_2 RS (without the application of a dilution factor). Further information on Institutional Controls may be found in RECAP Section 2.6.3.

1. Are Institutional Controls required or in place? ☐ Yes ☐ No

2. Briefly discuss the approved institutional controls and identify the parish in which the controls have been filed:

_____

_____

3. Provide a citation(s) where copies of the Institutional Control documents(s) certified by the Parish Clerk of Court was provided to the LDEQ in this or prior submittals:

_____

Section 5 - Other Closure Requirements

1. Briefly discuss monitoring well plugging and abandonment and/or plugging of investigation boreholes and temporary wells (if applicable):

_____

_____

_____

2. If permanent monitoring wells were plugged and abandoned, cite where *Louisiana Department of Natural Resources Water Well Plugging and Abandonment Forms* (DNR-GW-2) were provided to the LDEQ in this or prior submittals:

_____

_____

3. If applicable, briefly discuss any pertinent Permit/Permit modification issues:

_____

_____

Section 6 – Constituents Remaining

The impacted media, COC, AOI Concentration (AOIC), and limiting RECAP standards established for this site are to be listed in the following table. Note that this table is to only be used for COCs positively detected and evaluated.

Surface Soil:

Constituent of Concern	Soil AOIC	Basis of AOIC	Limiting RS	Basis of LRS	Management Option*
Example COC	*200 mg/kg*	*Max*	*550 mg/kg*	*$Soil_{SSi}$*	*SO*
Example COC	*120 mg/kg*	*95%UCL*	*150 mg/kg*	*$Soil_{GW3DW}$*	*MO-1*

*If LRS is based on an MO-2 Appendix G evaluation, indicate the site category, e.g., Appendix G MO-2 Category

If industrial land use RS ($Soil_{ssi}$ or $Soil_{i}$) were applied at the site, list all COC in soil (0-15' bgs) that have an AOIC that exceeds the applicable $Soil_{ni}$. All COC with AOIC exceeding the $Soil_{ni}$ shall be included in a conveyance notice.

Constituent of Concern	Soil AOIC (mg/kg)	Basis of the AOIC	$Soil_{ssni}$ or $Soil_{ni}$ (mg/kg)	Management Option
Example COC	*200 mg/kg*	*Max*	*190 mg/kg*	*SO*

Subsurface Soil:

Constituent of Concern	Soil AOIC	Basis of AOIC	Limiting RS	Basis of LRS	Management Option*
Example COC	*110 mg/kg*	*95%UCL*	*550 mg/kg*	*$Soil_{Sat}$*	*MO-1*
Example COC	*63 mg/kg*	*95%UCL*	*150 mg/kg*	*$Soil_{GW3DW}$*	*MO-1*

*If LRS is based on an MO-2 Appendix G evaluation, indicate the site category, e.g., Appendix G MO-2 Category

Groundwater:

Constituent of Concern	Groundwater CC	Basis of CC	Limiting RS	Basis of LRS	Management Option*
Example COC	*0.002 mg/l*	*Max*	*2 mg/l*	*GW_1*	*MO-1*
Example COC	*63 mg/l*	*95%UCL*	*760 mg/l*	*GW_{3DW}*	*MO-2*

If a GW2 zone is impacted at the site, list all COC in groundwater that have a CC that exceeds the GW_1 within the property boundaries. All COC with CC exceeding the GW_1 shall be included in a conveyance notice.

Constituent of Concern	Groundwater CC	GW_1
Example COC	*4 mg/l*	*2 mg/l*
Example COC	*880 mg/l*	*760 mg/l*

Section 7 - Submitter Information

1. Date: _____

2. Name of person submitting this checklist: _____

3. Affiliation: _____

4. Signature: _____ Date: _____

5. Additional Preparers: _____

RECAP FORM 13
Conveyance Notice

Section 1 - Facility Information

1. Name of facility: _____

2. Facility LDEQ Agency Interest (AI) Number: _____

3. Physical location of facility: _____

4. Parish: _____

5. Mailing address: _____

6. Name of AOI/AOC/SWMU: _____

7. The conveyance notice includes: ☐ Surface soil ☐ Groundwater 2 zone

If the conveyance notice includes both surface soil and groundwater, complete sections 2 and 3. If the notice includes only surface soil, complete Section 2. If the notice includes only a Groundwater 2 zone, complete Section 3.

Section 2 - Surface Soil

1. The highest RECAP option completed for soil at the AOI: ☐ SO ☐ MO-1 ☐ MO-2 ☐ MO-3 ☐ Appendix G Category ____

2. For the highest RECAP option completed, list the COC, AOIC, NFA BOD LRS, and the $Soil_{ni}$ used to identify the portion(s) of the property addressed in the notice.

COC	$Soil_{ni}$ (mg/kg)	AOIC (mg/kg)	Basis of AOIC (UCL or Max)	NFA BOD LRS (mg/kg)	Basis of LRS
Example COC	*33*	*45*	*UCL*	*47*	$Soil_{GW3DW}$

3. List the surface soil sampling locations where one or more COC concentrations exceed the $Soil_{ni}$:

_____
_____
_____
_____
_____

4. Attach: 1) a scaled site plan illustrating the area(s) of the property where the AOIC for one or more COC is greater than the $Soil_{ni}$; 2) a table listing the COC concentrations remaining at each sampling location; 3) the legal description of the property; Note: The legal description used in the notice must be the exact description contained within previous conveyance documents, and which defines the property or properties in a legal sense. This legal description must be obtained from the civil records of the Parish where the site is located; and 4) a draft copy of the conveyance notice; the current notice format may be obtained from the LDEQ.

Section 3 – Groundwater 2

1. The highest RECAP option completed for groundwater at the AOI: ☐ SO ☐ MO-1 ☐ MO-2 ☐ MO-3 ☐ Appendix G Category ____

2. For the highest RECAP option completed, list the COC, CC at the POC, and the GW_1 used to identify the portion(s) of the property addressed in the notice.

COC	CC (mg/l)	GW_1 (mg/l)	NFA BOD LRS (mg/l)	Basis of BOD LRS
Example COC	*9*	*0.05*	*0.05 x 248= 12*	*GW_2 x DF2*
Example COC	*0.5*	*0.011*	0.6	$Water_{sol}$

3. List the sampling locations within the groundwater 2 zone where one or more COC concentrations exceed the GW_1:

_____
_____
_____
_____
_____

4. Attach: 1) a scaled site plan illustrating the area(s) of the property where the COC concentrations within the groundwater 2 zone are greater than the GW_1; 2) a table listing the COC concentrations remaining at each sampling location; 3) the legal description of the property; Note: The legal description used in the notice must be the exact description contained within previous conveyance documents, and which defines the property or properties in a legal sense. This legal description must be obtained from the civil records of the Parish where the site is located; and 4) a draft copy of the conveyance notice; the current notice format may be obtained from the LDEQ.