



## HORIZONTAL

### Secrétariat Horizontal – Task Group 3

### Task Group 3 “Organic parameters – AOX – PAH – PCB – LAS – NP – selected phtalates”

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**TG 3 N 21**

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Le comité membre français :



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|---------------------|---|
| <i>Subject :</i>    | <b>HORIZONTAL – TG 3 “Organic parameters – AOX – PAH – PCB – LAS – NP – selected phtalates”</b> |
| <i>Comments :</i>   | <b>French comments on phtalates – Follow up given by TG 3</b>                                   |
| <i>For action :</i> | For information   |

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## **FRENCH COMMENTS ON CLUSTERS 3 AND 4 : ORGANIC PARAMETERS**

**Template for comments and secretariat observations**

**Horizontal 3.14 Phthalates**

|       |           |
|-------|-----------|
| Date: | Document: |
|       |           |

| 1       | 2       | (3)   | 4                               | 5   | (6)  | (7)  |
|---------|---------|---|---------------------------------|---|--|--|
| MB<br>1 | Cluster | Paragraph/<br>Figure/Table<br>/Note<br>(e.g. Table 1) | Type<br>of<br>com-<br>ment<br>2 | Comment (justification for change) by the MB  | Proposed change by the MB  | Project Horizontal<br>observations<br>on each comment<br>submitted   |
| AFNOR   | 3.14    | 8.2.2<br>Extraction                                   |                                 | I hope the only proposition of ethyl acetate will be sufficient for the extraction. Will this type of extraction (shaking) be enough for sludge ? | <p>There is no consistency with pre-treatment, storage, transport and sampling.</p> <p>The ruggedness results are not available. On the condition to receive the ruggedness report, this method could be applicable to all three matrices.</p> <p>It would be possible to go forward to phase III.</p> | <p>Yes, as our results, presented on the Paris workshop in April 2005 have demonstrated, ethyl acetate is sufficient to extract the relevant phthalate species. See also our desk study. We compared hexane/acetone and DCM and came to the conclusion that DCM should be excluded due to the high toxicity and hexane/acetone due to worse recovery.</p> <p>TG 3 agrees on this proposal provided that the results of the tests are made available on the Homepage of Horizontal.</p> |

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|-------|-------|-----------------------------|----|--|--|---|
|       | 3.14  | 9 Calibration               |    | There is no recovery calculation, so there is no means to check if the extraction is correctly done.     |  | <p>The recovery has been tested using different concentrations and different matrices. Recovery has always been satisfactory for all phthalates included in the method.</p> <p>TG 3 suggests to add a note in the standard saying that a recovery standard could be used to check the recovery of the internal standard.</p> <p>Add this also for nonylphenols.</p> |
| AFNOR | 3.14. | Requirements Drying, last § | Te | Effect of water content is not tested. This effect has to be tested, since it is an important parameter. |  | <p>See § 8.2.1: For sewage sludge we found no influence of water content up to 15 %</p> <p>Agreed by TG3 . Make the report available on the Homepage of Horizontal.</p>   |
|       | 3.14  | Homogeneization, 1° §       | TE | "the required size" is not given.  | Give the granularity of grinding.  | <p>Soil has been sieved to 2 mm, for sludge we use 0,2 mm. We will consider this in the method.</p> <p>Agreed by TG3</p>  |
|       | 3.14  |                             | Te | No ruggedness results are provided.  | All ruggedness tests shown at the Paris workshop should have been provided to the experts at the same time than this report. | <p>The results of the Paris workshop have been circulated by the project coordinator.</p> <p>Make the report available on the Homepage of Horizontal.</p>   |

|      |                      |    |  |   |  |
|------|----------------------|----|--|---|--|
| 3.14 | 8.2                  | Te | Homogenization of sediments by stirring : shaking should be also allowed.  | Allow shaking.  | Ok, we will consider this in the method.<br>Agreed by TG3            |
| 3.14 | "8.2.1.3"            | Te | There is no indication of the granularity needed to ensure a good efficiency of extraction process.  | Add a sub-clause on the grinding or explain why is should be avoided. | See above (Homogenization, 1° §).<br>Agreed by TG3                   |
| 3.14 | Note 1 under table 2 | Te | It should be a normative text and not a note.  | Change to a requirement.  | A note is sufficient.<br>TG 3 thinks that the note 1 is unnecessary. |
| 3.14 | 11                   | Te | Since the result has to be expressed on DM, then the DM determination should be made mandatory and requested at the beginning of the method. | Add a sub-clause.   | Comment will be considered.<br>Agreed by TG3                         |
| 3.14 | Appendix D           | Te | Since the DM determination is needed in each path, therefore it must be put under the box "sampling".  | Modify the flow-chart.  | Comment will be considered.<br>Agreed by TG3                         |

**Template for comments and secretariat observations**

**Horizontal DEHP**

|       |           |
|-------|-----------|
| Date: | Document: |
|       |           |

| 1                          | 2              | (3) | 4  | 5   | (6)  | (7)  |
|----------------------------|----------------|-----|--|---|--|--|
| <b>M<br/>B<sub>1</sub></b> | <b>Cluster</b> |     | <b>Type<br/>of<br/>com-<br/>ment<br/>2</b> | <b>Comment (justification for change) by the MB</b>   | <b>Proposed change by the MB</b>   | <b>Project Horizontal<br/>observations<br/>on each comment<br/>submitted</b>   |
| <b>AFNOR</b>               | 3.14           |     |  | <p>These studies went beyond the requirements given for phase II. There is no ruggedness data. All the available data, in particular those presented during the Vienna meeting (February 2005), were related to ruggedness for the analytical phase. The data seemed to be poor for extraction et for the range of matrices.</p> <p>We recommend that the data on ruggedness are completed to cover all the analytical steps and the whole range of matrices.</p> | <p>All ruggedness tests shown at the Paris workshop should be provided to the experts at the same time than this report.</p> | <p>The results for ruggedness of the extraction procedure have been presented and discussed in Vienna. The investigation were mainly done using sludge and soil. Investigations using sediments and bio waste showed no differences.</p> <p>The results of the ruggedness tests has been presented in Paris workshop in April 2005 and have been circulated by the project coordinator. The Vienna results consistent with those presented in Paris. All results will be presented in the final report.</p> <p>The decisions shall be made available on the Homepage of Horizontal in one unique document.</p> |