



Conduct of Engineering Request for Variance or Alternate Method

To display the *VAR Request Metadata* pane for this document, click **File > Info > Properties > Show Document Panel.**

1.0 General

1.1 Document Number: VAR-10468	1.2 Revision: 1								
1.3 Brief Descriptive Title: Revised Storm Water Material (ESM Civil Chapter 3)									
1.4 Affected Program: Engineering Standards	1.5 Request Type: Variance								
1.6a Affected Tech Area 99	1.6b Affected Buildings Sitewide								
1.7 Requestor: Oruch, Tobin H Organization: <input type="text" value="Enter text."/>									
<p>1.8 Revision History</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">Revision Number</th> <th style="text-align: left;">Changes and Comments</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>Initial issue 5/27/2021</td> </tr> <tr> <th style="text-align: left;">Revision Number</th> <th style="text-align: left;">Changes and Comments</th> </tr> <tr> <td>1</td> <td>In Section 2.0, pgs 7-11, references to the "25-yr, 2-hr" and "2-yr, 2-hr" storms changed to "25-yr, 24-hr" and "2-yr, 24-hr" respectively, and updated the values in Table 3. Added the following guide to section 2.0.G References: "Design Storms for Individual Permit Corrective Actions and Control Measures – Design Guide (pg. 6, Table 1 of Document No. N3B-GDE-ER-5012, RO)</td> </tr> </tbody> </table>		Revision Number	Changes and Comments	0	Initial issue 5/27/2021	Revision Number	Changes and Comments	1	In Section 2.0, pgs 7-11, references to the "25-yr, 2-hr" and "2-yr, 2-hr" storms changed to "25-yr, 24-hr" and "2-yr, 24-hr" respectively, and updated the values in Table 3. Added the following guide to section 2.0.G References: "Design Storms for Individual Permit Corrective Actions and Control Measures – Design Guide (pg. 6, Table 1 of Document No. N3B-GDE-ER-5012, RO)
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2.0 Affected Conduct of Engineering Program/Documents

<p>2.1 Affected "P" Document: P342 Engineering Standards</p> <p>If against the P document itself, revision (or N/A): N/A</p>	<p>2.2 Subordinate or related document(s) [AP, master spec, LANL ESM chapter & section; or code, Order, standard, etc.]: Document Title/No.: ESM Chapter 3 Civil, Section G10-30GEN General Civil Requirements</p> <p style="padding-left: 20px;">Revision 3</p> <p>Document Title/No.: ESM Ch. 3 Section G10 Site Preparation</p> <p style="padding-left: 20px;">Revision 3</p> <p>Document Title/No.: ESM Ch. 3 Section G20 Site Improvements</p> <p style="padding-left: 20px;">Revision 3</p>
<p>2.3 Section/Paragraph: G10-30GEN: 3.5 LANL Documents; G10: Article 6.0 Storm Water Compliance; G20GEN: 1.0 Hydrological Analysis and 2.0 Hydraulic Design</p>	
<p>2.4 Specific Requirement(s) as Written in the Document(s): Entirety of material listed in Field 2.3 above.</p>	

2.5 Contractual, preference, or other basis for requirement in 2.4:
The requirements include LANL contractual and preferential statements and guidance.

2.6 Type of VAR from ESM Chap 1, Z10 [*Applies only to standards variances*)

Type 2

2.7 Discipline

Civil

3.0 Request Information & Comments

3.1 NCR required (work has occurred)? **No**

If Yes, NCR Number: [Enter text.](#)

3.2 System/Component Affected

OpSystem Acronym & Name [[Select OpSysAcronymAndName](#)]

System Number or Name **USTW**

3.3 Highest ML Level

ML-4

3.4 Proposal with Justification/Compensatory Measures:

Replace Civil Chapter 3 material listed in 2.3 above with that in Attachment 1 of this Variance. The attached is up-to-date and in a single document.

3.5 Attachments (see paper clip attachment to this document in the left navigation)

Document Title or Description **Storm Water Compliance and Design Requirements**

3.6a Project ID

N/A

3.6b: Project Name

N/A

3.6c: Code of Record Date

N/A

3.7 Duration:

Lifetime

3.8a If Finite Period, Start Date:

[Click to enter a date.](#)

3.8b End Date:

[Click to enter a date](#)

3.8c Provide the PFITS number for tracking removal/correction: [[PFITSNum](#)]

3.9 USQD/USID required (Nuclear, High/Mod Hazard)? **No**

If Yes, USQD/USID Number [Click here to enter text.](#)

3.10 QA Review for process change matters potentially affecting LANL's NQA-1 implementation

Is a QPA Determination required?: **No** If **Yes**, then: [Choose an item.](#)

QPA Comments: [Enter text..](#)

3.11 POC Determination: **Accept**

POC Comments: [Enter text..](#)

3.12 Management Program Owner's (SMPO) Approval for P341 and APs; P342, ESM, ML-1 and -2, and Contract Matters; and P343

SMPO Determination: **Accept**

Comments: [Enter text..](#)

4.0 Participant Signatures **NOTE:** DO NOT ADD NAMES FROM WITHIN WORD! *Save and close the form first, then do 1-4 below:*

1. From the SharePoint library, select the document, then click the **ellipsis (...)** in the second column; a small dialog appears
2. In the small dialog click the **ellipsis** again
3. Click **Edit Properties** and check out the document if prompted to Enter names using the controls provided, then **Save**

<p>4.1 POC (Management Program Owner's Representative):</p> <p>Baca, Victoria R</p>	<p>Organization ES-WFO</p>	<p>Signature</p> <p>Signature on file</p>
<p>4.2 Facility Design Authority Representative</p> <p>[FDARName]</p> <p>FDAR signature not required <input checked="" type="checkbox"/></p>	<p>Organization Enter text..</p>	<p>Signature</p>
<p>4.3 LANL Owning Manager (FOD or R&D/Program)</p> <p>[FODorPrgmMgrName]</p> <p>FOD or Program Manager signature not required <input checked="" type="checkbox"/></p>	<p>Organization Enter text..</p>	<p>Signature</p>
<p>4.4 Quality Reviewer's Name:</p> <p>[QPAName]</p> <p>QPA review/signature not required <input checked="" type="checkbox"/></p>	<p>Organization Enter text.</p>	<p>Signature</p>
<p>4.5 Safety or Security Management Program Owner's Approval for P341 and APs; P342, ESM and Contract Matters; and P343</p> <p>Richardson, Michael Joseph</p> <p>SMPO signature not required (Type 1 variance) <input type="checkbox"/></p>	<p>Organization ES-DO</p>	<p>Signature</p> <p>Signature on file</p>
<p>4.6 Additional Signer 1</p> <p>[AdditionalSigner1]</p> <p>Role: Enter text.</p>	<p>Organization Enter text.</p>	<p>Signature</p>
<p>4.7 Additional Signer 2</p> <p>[AdditionalSigner2]</p> <p>Role: Enter text.</p>	<p>Organization Enter text.</p>	<p>Signature</p>

4.8 CoE Administrator Signature

Leyba, Matthew Anthony

NOTE: The CoE Admin is always the last signature placed on this document. The date of that signing is the date of this document.

Signature

Signature on file