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Kwantitatieve risicoanalyse (QRA)

Vermilion locatie Eesveen

Bilfinger Engineering & Consultancy BeNe

Jan Tinbergenstraat 172
7559 SP Hengelo

Auteur 5.1.2.e

- Telefoon: 5.1.2.e

- E-mail: 5.1.2.e @bilfinger.com

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Inhoudsopgave

1	Inleiding	5
1.1	Aanleiding	5
1.2	Doelstelling	5
1.3	Risicoanalysemethodiek	5
1.4	Leeswijzer	5
2	Beleid met betrekking tot externe veiligheid	6
2.1	Kwetsbare, beperkt kwetsbare en zeer kwetsbare gebouwen en locaties	6
2.2	Plaatsgebonden risico	6
2.3	Aandachtsgebieden	7
2.4	Groepsrisico	7
3	Algemene beschrijving van de milieubelastende activiteit	9
3.1	Ligging inrichting	9
3.2	Wijzigingen locatie Eesveen	9
3.2.1	Zuur gas	9
3.2.2	Fakkel	10
3.2.3	Wijzigingen opslag en afvoer productiewater	10
3.3	Wijzigingen Safeti-NL model	10
3.4	Risicovolle activiteiten	11
4	Modelleringsgegevens	12
4.1	Algemeen	12
4.1.1	Ondergrondse installatieonderdelen	13
4.1.2	Bovengrondse installatieonderdelen	13
4.1.3	Equivalente diameter en 'relative aperture'	13
4.1.4	Ontstekingskans	13
4.2	Specifieke parameters	14
4.2.1	Aanwezige gevaarlijke stoffen en voorbeeldstoffen	14
4.2.2	Weergegevens	14
4.2.3	Ruwheidslengte	14
4.2.4	Ontstekingsbronnen	14
4.2.5	Mogelijke gevaren van buiten de inrichting	14
4.2.6	Mogelijke gevaren van binnen de inrichting	15
4.3	Populatiegegevens	15
5	Faalscenario's en gegevens modellering	17
5.1	Gasputten	17
5.2	Hogedruk aardgasleidingen	18
5.2.1.1	Bovengronds	19
5.2.1.2	Ondergronds	20
5.3	3 fasen afscheider DS-100	20
5.3.1	Initiële faalscenario's vat onder druk	20
5.4	Niet gemodelleerde systemen	20
5.4.1	Afblaasleiding	20
5.4.2	Productiewater	21
5.4.3	H ₂ S scavenger activiteiten	21
5.4.4	ESD systeem	21
6	Resultaten en toetsing	22
6.1	Effectafstand tot 1% letaal (LC01)	22
6.2	Plaatsgebonden risico	22
6.3	Aandachtsgebieden	25
6.3.1	Brandaandachtsgebied	25



BILFINGER

6.4	Groepsrisico	26
6.5	Grootste bijdrage risico's	27
6.5.1	Individual risk ranking points	27
6.5.2	Societal risk ranking	29
6.5.3	Maximale effectafstanden	29
7	Conclusie	30
	Referenties	31
Bijlage 1.	Plattegrondtekening	32
Bijlage 2.	PFD	33
Bijlage 3.	Individual Risk Ranking Report	34
Bijlage 4.	Societal Risk Ranking Report	35
Bijlage 5.	Effectafstanden	36

1 Inleiding

1.1 Aanleiding

Deze kwantitatieve risicoanalyse (QRA) is opgesteld voor Vermilion Energy Netherlands B.V. (hierna: Vermilion) locatie Eesveen 1 gelegen aan de Wulpen ten zuidoosten van Eesveen, provincie Overijssel. De milieubelastende activiteit van Vermilion valt onder, zoals omschreven in hoofdstuk 3 van het Bal (besluit activiteiten leefomgeving): behandelen, regelen en meten van aardgas, en is daarmee verplicht een QRA op te stellen. Voor de berekening van de QRA is gebruik gemaakt van het Rekenvoorschrift Module II hoofdstuk 10: behandelen, regelen en meten van aardgas (A.1, E.7), mijnbouw (E.11.1) [1].

Op de locatie Eesveen 1 zijn twee putten aanwezig voor de winning van aardgas: ESV-1 en ESV-2. Het aardgas dat uit ESV-02 wordt gewonnen, bevat 150 ppm H₂S. Om dit gas uit het aardgas te verwijderen, zijn verschillende extra voorzieningen nodig op de locatie. Daarnaast worden in het kader van een emissiereductieproject enkele wijzigingen aangebracht aan de installaties. Verder zullen hiernaast nog twee additionele putten, ESV-3 en ESV-4, in bedrijf worden genomen.

1.2 Doelstelling

Het doel van de QRA is het vaststellen van het plaatsgebonden risico en de aandachtsgebieden van de risicodragende activiteiten. Aanvullend is het groepsrisico opgenomen, om de impact voor de populatie binnen een aandachtsgebied beter te kunnen duiden. De uitkomsten van de in dit rapport beschreven uitvoering van de QRA worden beschouwd in het kader van de wetgeving op het gebied van externe veiligheid, zoals opgenomen in het Bkl.

1.3 Risicoanalysemethodiek

De risicoberekeningen zijn uitgevoerd overeenkomstig het Rekenvoorschrift Omgevingsveiligheid [1] en de bijbehorende toelichting van januari 2025 in combinatie met het rekenprogramma Safeti-NL [2].

1.4 Leeswijzer

Hoofdstuk 2 geeft een korte toelichting op het externe veiligheidsbeleid en de bijbehorende normen. In hoofdstuk 3 is een algemene beschrijving van de inrichting opgenomen. Onderdeel van dit hoofdstuk is een beschrijving van de activiteiten en de installaties. Hoofdstuk 4 behandelt de uitgangspunten van de modellering, gebiedsfuncties, omgevingsbebouwing en omgevingsfactoren. Hoofdstuk 5 laat de uitwerking van de Loss of containment (LOC) scenario's zien. De resultaten ten aanzien van de berekeningen worden weergegeven in hoofdstuk 6. Het plaatsgebonden risico en het groepsrisico maken hiervan deel uit. Hoofdstuk 7 beschrijft de conclusie.

2 Beleid met betrekking tot externe veiligheid

Het beleid voor externe veiligheid is gericht op het beperken en beheersen van risico's voor de omgeving vanwege:

- Het gebruik, de opslag en de productie van gevaarlijke stoffen (inrichtingen);
- Transport van gevaarlijke stoffen (openbare wegen, water- en spoorwegen en buisleidingen);
- Het gebruik van luchthavens.

Externe veiligheid heeft betrekking op de veiligheid van degenen die niet bij de risicovolle activiteit zelf zijn betrokken, maar die als gevolg van die activiteit wel risico's kunnen lopen. Dit kunnen bewoners zijn van huizen en instellingen in de buurt, maar ook werknemers bij bedrijven of kantoren en leerlingen in de omgeving van de risicovolle activiteit.

Het risico wordt in beeld gebracht door middel van drie risicomaten:

- Plaatsgebonden risico (PR);
- Het aandachtsgebied van de milieubelastende activiteiten;
- Groepsrisico (GR).

Deze risicomaten worden verderop beschreven.

De specifieke regels en richtlijnen voor inrichtingen die voorheen in het Bevi waren opgenomen, zijn nu geïntegreerd in de Omgevingswet die per 1 januari 2024 in werking is getreden. In de onderstaande paragrafen wordt een korte samenvatting gegeven van belangrijke begrippen en bepaling betreffende externe veiligheid in de omgevingswet.

2.1 Kwetsbare, beperkt kwetsbare en zeer kwetsbare gebouwen en locaties

Bij de normstelling in de omgevingswet wordt onderscheid gemaakt tussen kwetsbare, beperkt kwetsbare en zeer kwetsbare gebouwen en locaties. In bijlage VI van het Besluit Kwaliteit Leefomgeving (Bkl) is gespecificeerd welke soorten gebouwen en locaties in welke categorie vallen. Hierbij is onder andere het aantal mensen dat er gedurende langere tijd aanwezig kan zijn en de zelfredzaamheid van de mensen van belang. Onder een beperkt kwetsbaar, kwetsbaar en zeer kwetsbaar gebouw wordt ook verstaan een gebouw als bedoeld in bijlage VI van het Bkl dat nog niet aanwezig is, maar op grond van het omgevingsplan of een omgevingsvergunning voor een omgevingsplanactiviteit mag worden gebouwd.

Gebouwen en locaties die niet onder een van de categorieën kunnen worden ingedeeld, worden vanuit het oogpunt van externe veiligheid niet als kwetsbaar beschouwd. De normen uit het Bkl zijn op dergelijke gebouwen of locaties niet van toepassing.

Bedrijfsgebouwen worden in principe als beperkt kwetsbare gebouwen aangemerkt. Gebouwen of locaties die een functionele binding hebben met een activiteit als bedoeld in bijlage VII van het Bkl, zoals de gebouwen of locaties van bedrijven die een Seveso-inrichtingen exploiteren, worden echter niet als (beperkt) kwetsbaar gebouw of (beperkt) kwetsbare locatie aangemerkt bij de toepassing van de normen voor het plaatsgebonden risico.

2.2 Plaatsgebonden risico

Dit is het risico op een specifieke locatie. Door middel van iso-risicocontouren, waarbij punten met gelijk risico worden verbonden tot een contour, worden de risico's op een kaart inzichtelijk gemaakt.

Het PR geeft aan wat de kans is dat een persoon overlijdt wanneer hij zich onbeschermd in het op de plattegrond aangegeven gebied bevindt. Bij het berekenen van het risico wordt ervan uitgegaan dat een persoon zich 24 uur per dag op deze plek bevindt. Voor de 10^{-6} contour geldt over het algemeen dat deze binnen de poorten van de inrichting moet blijven. Indien dit niet mogelijk is geldt er voor de verschillende gebouwen en locaties het volgende:

Voor kwetsbare en zeer kwetsbare gebouwen en kwetsbare locaties geldt:

- PR lager dan 10^{-6} per jaar: toegestaan.

Voor beperkt kwetsbare gebouwen en locaties geldt:

- PR hoger dan 10^{-6} per jaar: niet toegestaan tenzij er zwaarwegende argumenten aanwezig zijn waardoor hiervan kan worden afgeweken;
- PR lager dan 10^{-6} per jaar: toegestaan.

2.3 Aandachtsgebieden

Aandachtsgebieden zijn gebieden die zichtbaar maken waar mensen binnenshuis, zonder aanvullende maatregelen, onvoldoende beschermd kunnen zijn tegen de gevolgen van ongevallen met gevaarlijke stoffen door een nabijgelegen milieubelastende activiteit.

Er is een onderscheid tussen drie soorten gevaren: warmtestraling (brand), overdruk (explosie) en concentratie giftige stoffen in de lucht (gifwolk). Daarmee zijn er ook drie typen aandachtsgebieden:

- Brandaandachtsgebied;
- Explosieaandachtsgebied;
- Gifwolkaandachtsgebied.

De afmetingen van de aandachtsgebieden van een milieubelastende activiteit worden bepaald door de warmtestralingscontouren, overdrukcontouren of concentratiecontouren van de giftige stof. In het Bkl (artikel 5.12) worden de volgende afstanden gegeven:

- Een brandaandachtsgebied is het gebied waar de warmtestraling ten hoogste 10 kW/m^2 is, door een plasbrand of een fakkelbrand.
- Een explosieaandachtsgebied is het gebied waar:
 - a) Door een kokende vloeistof-gasexpansie-explosie (BLEVE), de warmtestraling ten hoogste 35 kW/m^2 is; of;
 - b) Door een explosie de overdruk ten hoogste 10 kPa is.
- Een gifwolkaandachtsgebied is het gebied waar de concentratie hoger is dan de bij ministeriële regeling vastgestelde concentratie van een gevaarlijke stof gedurende een daarbij aangegeven periode. Het gifwolkaandachtsgebied is nooit groter dan $1,5 \text{ km}$ rondom de activiteit.

2.4 Groepsrisico

Het groepsrisico ligt in het verlengde van het plaatsgebonden risico en houdt rekening met de daadwerkelijke aanwezigheid van personen. Het groepsrisico geeft de kans dat een groep personen slachtoffer wordt door een calamiteit met gevaarlijke stoffen. Hiervoor wordt de zogeheten fN-curve berekend waarin de kans op het aantal dodelijke slachtoffers wordt uitgezet tegen het aantal doden. Het groepsrisico kent, in vergelijking tot het plaatsgebonden risico, geen strikte normering. Wel wordt er uitgegaan van een oriëntatiewaarde, die recht doet aan risicoaversie (hoe groter de ramp, hoe lager het acceptabele risico). De oriëntatiewaarde geeft een eerste inzicht in het niveau van het risico. Binnen de omgevingswet moet de gemeente in het omgevingsplan binnen aandachtsgebieden rekening houden met het groepsrisico. Dit moet gedaan worden volgens de methode in het Handboek Omgevingsveiligheid van het RIVM. Om het groepsrisico te bepalen en beoordelen moet het bevoegd gezag daarnaast aangeven:

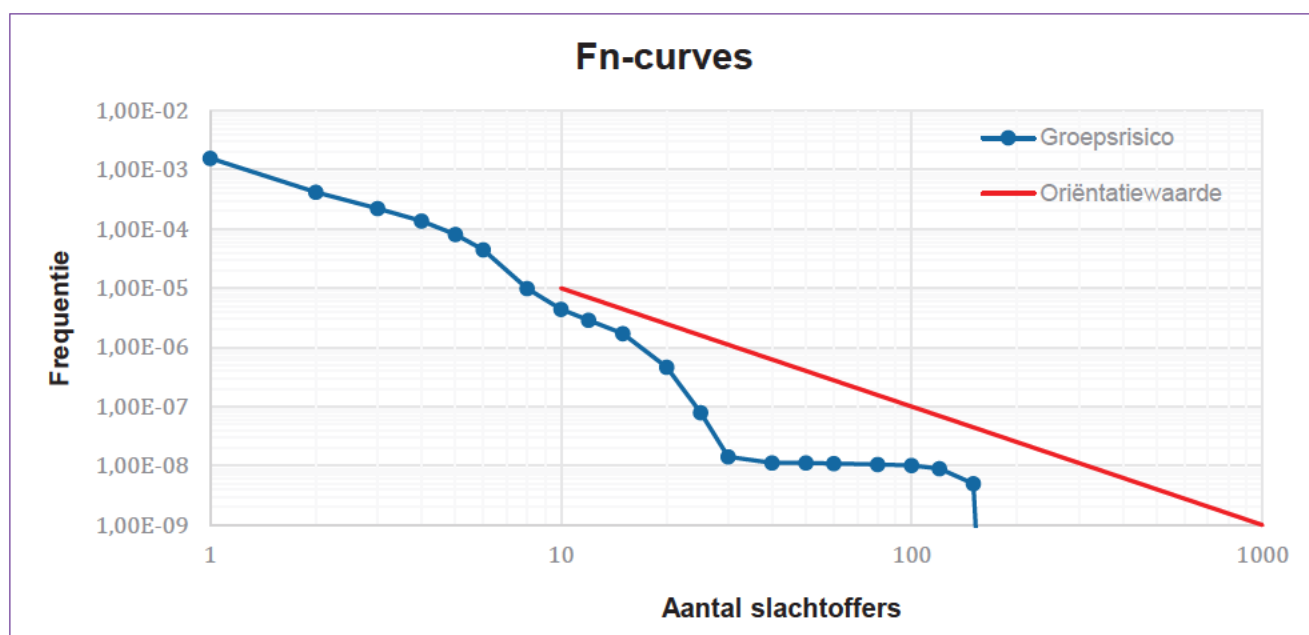
- Hoe groot de personendichtheid in het invloedsgebied van de inrichting is (begrensd door 1% letaliteit) en hoe deze eventueel wijzigt in de toekomst;
- De mogelijke maatregelen die van invloed zijn op het groepsrisico en op welke wijze deze zijn meegenomen in het onderzoek;
- Hoe rekening is gehouden met aspecten als rampenbestrijding, zelfredzaamheid van personen in het invloedsgebied en beheersbaarheid van de ramp bij een eventuele calamiteit.

Dit is de zogenaamde verantwoording van het groepsrisico. Als de oriëntatiewaarde wordt overschreden, kan toch een vergunning worden verleend. In alle gevallen moet door het bevoegd gezag worden nagegaan dat maatregelen zijn getroffen



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ter bescherming van personen in de gebouwen en op de locaties binnen het aandachtsgebied. Een voorbeeld van een groepsrisicocurve is in onderstaand figuur weergegeven.



Figuur 1: Voorbeeld groepsrisico en oriëntatiewaarde voor het groepsrisico

3 Algemene beschrijving van de milieubelastende activiteit

3.1 Ligging inrichting

Vermilion Energy Netherlands B.V. (hierna: Vermilion) locatie Eesveen 1 is gelegen aan de Wulpen, in de gemeente Steenwijkerland, provincie Overijssel. De locatie ligt in agrarisch gebied. De dichtstbijzijnde bebouwing bevindt zich op circa 180 meter ten noorden, ten oosten en ten zuidwesten gemeten van de gasput, in de vorm van verspreid liggende boerderijen. De locatie Eesveen1 is een mijnbouwlocatie. Op de locatie zijn twee putten aanwezig voor de winning van aardgas: ESV-1 en ESV-2. Bovendien zullen er twee nieuwe putten worden gerealiseerd: ESV-3 en ESV-4. Het gewonnen gas wordt getransporteerd via een 6" leiding naar het leidingnet. De bestaande situatie is beschreven in de QRA van Royal HaskoningDHV (2016) referentie: I&BBA5753-192-101R004F01.

Op de bestaande locatie wordt aardgas gewonnen uit de twee bestaande putten: Eesveen-01 (ESV-01) en Eesveen-02 (ESV-02) en twee nieuw te realiseren putten: Eesveen-03 (ESV-03) en Eesveen-04 (ESV-04). Het geproduceerde aardgas bevat formatiewater en aardgascondensaat. Het aardgascondensaat worden middels een 3 fasescheider van het aardgas gescheiden (DS-100). Het productiewater dat ontstaat bij de gaswinning op de locatie Eesveen 1 wordt opgevangen in een bovengrondse tank. Indien de kwaliteit van dit productiewater voldoet aan de daarvoor gestelde eisen, wordt het verpompt naar de locatie Nijensleek 1 om aldaar geïnjecteerd te worden in een uitgeproduceerd gasveld. Indien de kwaliteit van dit productiewater niet voldoet aan de daarvoor geldende eisen, wordt het productiewater vanuit de bovengrondse tank met tankauto's afgevoerd naar een erkende verwerker.

Een plattegrondtekening van de inrichting is opgenomen in Bijlage 1 en in Bijlage 2 is de PFD weergegeven.

3.2 Wijzigingen locatie Eesveen

Op de locatie worden verschillende wijzigingen doorgevoerd:

- Het produceren van aardgas uit twee nieuwe putten (ESV-03 en ESV-04);
- Winning en behandeling van zuur gas, waarvoor installaties voor het verwijderen van H_2S uit de gasstroom worden geplaatst;
- Plaatsen van een vaste fakkel;
- Plaatsen van filters ten behoeve van injectie van productiewater.

3.2.1 Zuur gas

Het aardgas dat wordt gewonnen uit put ESV-02 bevat H_2S . Het bestaande leidingwerk achter ESV-02 is niet geschikt voor dit "zure", H_2S -bevattende gas. Onbehandeld gas tast de installatie aan door corrosie. Daarnaast is H_2S een giftig gas.

Om H_2S uit de gasstroom te verwijderen, wordt een zogenaamde " H_2S -scavenger" geïnjecteerd. Deze scavenger is een vloeistof die in de gasstroom met het H_2S reageert tot niet-corroderende en niet-giftige stoffen (zwavel en sulfaten). Deze reactieproducten blijven achter in de condensaat- en waterfase.

Ten behoeve van de zuurgasbehandeling worden de volgende installaties en voorzieningen toegevoegd aan de locatie:

- Een tank voor de opslag van H_2S -scavenger;
- Twee H_2S -scavenger pompen;
- Een High Integrity Pressure Protection System (HIPPS) voor put ESV-02;
- Een H_2S atomizer injectie nozzle;
- Een H_2S analyzer voor de gasstroom;
- Een H_2S analyzer voor de condensaatstroom;
- Twee drain/condensaatopvangputten;
- Twee condensaatpompen.

De scavenger wordt opgeslagen in tank TA-500. Dit is een dubbelwandige stalen opslagtank, voorzien van lekdetectie, die wordt geplaatst naast de lekbakconstructie van de formatiewatertanks. De scavenger wordt vanuit deze tank met pompen GA-500 en GA-510 geïnjecteerd.

Zowel put ESV-01 als ESV-02 is voorzien van een drukregelaar (choke) die de putdruk terugbrengt van 89 barg (ESV-01) respectievelijk 126 barg (ESV-02) naar 36 barg.

Het High Integrity Pressure Protection System (HIPPS) bestaat uit 2 afsluiters en 3 druksensoren. Het wordt direct na de X-mas tree, voor de choke van ESV-02 geplaatst. Dit systeem dient om emissies van H₂S-houdend gas te voorkomen bij het afblazen van de PSV. Wanneer 2 van de 3 druksensoren een te hoge druk achter de choke meten, zullen 2 afsluiters van het HIPPS voor de choke gesloten worden. Dit veiligheidssysteem heeft een SIL3 niveau. Dit voorkomt afblazen van de drukbeveiligingsklep (PSV).

Tussen de HIPPS (UB-900) afsluiters en de choke wordt een atomizer nozzle geïnstalleerd die H₂S scavenger vernevelt in de gasstroom. De scavenger heeft een minimale verblijftijd van 10 seconden nodig om met het H₂S te reageren. Hiervoor wordt het leidingwerk voor de choke verlengd.

De kwaliteit van het aardgas wordt gewaarborgd d.m.v. H₂S-analyzers die stroomafwaarts van de driefasenscheider DS-100 in de gasstroom en in de condensaatstroom de concentratie H₂S meten. Bij een overschrijding van de toelaatbare concentratie zal de productie van ESV-02 worden stopgezet. De oorzaak van de verstoring moet dan worden weggenomen voordat de productie wordt hervat.

3.2.2 Fakkels

Bij onderhoud, tijdens het drukvrij maken van de installatie of onderdelen daarvan, kunnen incidentele emissies van aardgas vrijkomen. Dit gas zal niet langer worden afgeblazen, maar worden afgefakkeld. Hiervoor wordt gebruik gemaakt van een fakkel (FD-350). Ook gas dat vrijkomt bij het testen van de aardgasputten wordt, indien dit niet kan worden teruggeleid naar de hoofdgasstroom, afgefakkeld in de fakkel.

Het systeem is voorzien van een vloeistofafscheider (DS-200) om het emitteren van vloeistof tijdens het affakkelen te voorkomen. Het gasvrij maken van de installatie geschiedt door verdringing met behulp van stikstof, waarbij het gas naar de fakkel wordt geleid.

3.2.3 Wijzigingen opslag en afvoer productiewater

De ontluchtingen van de opslagtanks voor productiewater zijn aangesloten op een koolstoffilterbatterij om emissie van vluchtige organische stoffen te voorkomen. De bestaande filterbatterij zal worden vervangen door nieuwe Desotec filterkasten. Vermilion plaatst twee filterkasten in serie. Door telkens het meest vervuilde filter te vervangen en het minder vervuilde filter naar voren te verplaatsen wordt optimale benutting bereikt. De fan en besturing van de installatie worden vanwege explosiegevaar los van de filterkasten geplaatst.

3.3 Wijzigingen Safeti-NL model

Naast de nieuwe activiteiten en de wijzigingen voor de locatie Eesveen is het huidige model (QRA 2016) geüpdatet conform huidige regelgeving (Omgevingswet). Voor de modellering is de geldende versie van Safeti-NL gebruik, versie 9.2 (januari 2025). De vigerende QRA is gemaakt in Safeti-NL 6.54. Hieronder staan een aantal zaken opgesomd die zijn aangepast in het Safeti-NL model ten opzichte van het model uit 2016:

- Ruwheidslengte;
De ruwheidslengte stond als de standaard aangenomen, 300 mm. Deze is aangepast naar de ruwheidslengte voor de locatie op basis van de coördinaten van de locatie en de ruwheidskaart (zie paragraaf 4.2.3).
- Faalfrequenties leidingwerk;

Voor het leidingwerk waren de faalfrequenties gebruikt van boven- en ondergrondse leidingen (nu te vinden in Rekenvoorschrift Module I) en niet de hogedruk aardgasleidingen faalfrequenties (Module II). Ten tijde van het Bevi (geldend in 2016) waren de hogedruk aardgasleidingen ook al beschreven. In onderhavige QRA zijn de faalfrequenties aangepast naar hogedruk aardgasleidingen, aangezien wordt voldaan aan de eisen van Module II (beschreven in paragraaf 5.2).

- **Kans van ontsteking;**
In de vigerende QRA stond niet duidelijk welke kans van directe ontsteking gebruikt was voor de modellering. Voor de mijnbouwlocaties dient een directe en vertraagde ontsteking te worden beschouwd (beschreven in Module II paragraaf 10.8.3.2). Voor de locatie Eesveen is de kans op directe ontsteking gelijk aan 0,04, paragraaf 4.1.4.
- **Putten**
De procescondities van de putten zijn over de jaren heen veranderd en met de nieuwe beoogde situatie zijn er ook veranderingen in drukken en temperaturen. Daarnaast zijn de faalfrequenties van de putten herberekend en aangepast indien nodig.

3.4 Risicovolle activiteiten

Op basis van de bedrijfsactiviteiten van Vermilion en om de externe veiligheidsrisico's inzichtelijk te maken is onderscheid gemaakt in de navolgende (risicovolle) activiteiten:

- Winning gas middels gasputten;
- Behandeling van gas;
- Verpompen van gevaarlijke stoffen;
- Transport van gevaarlijke stoffen door bovengrondse leidingen;
- Transport van gevaarlijke stoffen door ondergrondse leidingen.

De activiteiten voor locatie Vermilion vallen onder het behandelen, regelen en meten van aardgas (A.1, E.7), mijnbouwwerk (E.11.1) van het Rekenvoorschrift Omgevingsveiligheid Module II. De locatie wordt niet gezien als een complex bedrijf.

4 Modelleringsgegevens

4.1 Algemeen

Zoals reeds beschreven zijn de risicoberekeningen uitgevoerd overeenkomstig het Rekenvoorschrift Omgevingsveiligheid in combinatie met het rekenprogramma Safeti-NL. De combinatie van het rekenpakket Safeti-NL en het Rekenvoorschrift wordt in het Bkl voorgeschreven als geüniformeerde rekenmethodiek voor het uitvoeren van een QRA.

De locatie van Vermilion Eesveen valt onder de milieubelastende activiteit behandelen, regelen en meten van aardgas. Hiervoor wordt gebruik gemaakt van het Rekenvoorschrift Omgevingsveiligheid Module II hoofdstuk 10: behandelen, regelen en meten van aardgas (A.1, E.7), mijnbouwwerk (E.11.1).

Voor de invoer van scenario's in Safeti-NL gelden de algemene voorwaarden van Module I waarbij in Module II afwijkende modelleringen staan voor installatie-onderdelen, mits deze voldoen aan een aantal voorwaarden. Dit staat beschreven in paragraaf 10.9 van Module II. De gestelde voorwaarden zijn als volgt:

- Het insluitsysteem bevat ontvlambare gassen of een (ongestabiliseerd) mengsel van ontvlambare gassen en vloeistoffen;
- De operationele druk in het insluitsysteem is 16 bar (overdruk) of hoger;
- Het aandeel toxische componenten, in het bijzonder H_2S , is 4,3% of kleiner.

De afwijking heeft betrekking op de vervolgeffecten en het aantal jets bij een fakkelbrand en wordt in navolgende paragrafen verder toegelicht.

Voor de locatie Eesveen zit er H_2S in het aardgas (vanuit put ESV-02). De concentratie H_2S is 150 ppm. Dit is minder dan 4,3% gesteld in de voorwaarden van Module II. Vanuit de toelichting van het Rekenvoorschrift Omgevingsveiligheid, paragraaf 5.10.2.2.1 staat dat aardgas en (aardgas)condensaat met minder dan 4,3 vol% giftige stoffen worden ingedeeld als ontvlambaar. Hiervoor dient er geen rekening gehouden te worden met de toxische stof H_2S of een giftwolkaandachtsgebied berekend te worden.

In de modellering is geen gebruik gemaakt van snelsluitkleppen. Voor de vervolgeffecten van scenario's zonder snelsluitende kleppen ligt de modellering vast. Er wordt onderscheid gemaakt naar directe ontsteking en vertraagde ontsteking. De effecten van de directe ontsteking zijn gebaseerd op het gemiddelde uitstroombdebiet tussen 0 en 20 s. De effecten van de vertraagde ontsteking zijn gebaseerd op het gemiddelde uitstroombdebiet tussen 20 en 140 s. Beide gebeurtenissen leiden tot een fakkelbrand.

De kans op directe ontsteking hangt af van de gemiddelde uitstroombhoeveelheid gedurende de eerste 20s. Voor aardgas geldt dat bij een uitstroom van minder dan 10 kg/s, tussen 10 en 100 kg/s en meer dan 100 kg/s respectievelijk directe ontstekingskansen van 2%, 4% en 9% horen.

Voor breuk van een bovengrondse leiding (en instantaan falen van een bovengronds vat met aangesloten leidingen) wordt verondersteld dat de jets vanuit de stroomopwaartse richting en vanuit de stroomafwaartse richting geen interactie hebben. Deze twee jets worden daarom afzonderlijk ingevoerd. Voor beide jets is de invoerwaarde voor de frequentie gelijk aan het product van de uitstroombfrequentie en de kans op (directe of vertraagde) ontsteking. Voor ondergrondse leidingen met een verticale uitstroombrichting worden de stroomopwaartse en -afwaartse bijdragen samengenomen en met één uitstroombscenario doorgerekend.

Voor leidingbreuk en instantaan falen wordt in de handleiding een vereenvoudigde methode voorgesteld (zie Module II paragraaf 10.9.4). Deze methode wordt in deze QRA toegepast en leidt tot navolgende modellering van ondergrondse en bovengrondse leidingen.

4.1.1 Ondergrondse installatieonderdelen

Voor ondergrondse installatieonderdelen wordt de nalevering vanuit stroomopwaartse en vanuit stroomafwaartse richting gecombineerd in één Long Pipeline scenario. Standaard wordt voor ondergrondse leidingen een leidinglengte van 64 km en een 'distance to break' van 32 km gebruikt.

Het scenario 'ondergronds breuk vroege fakkelbrand' en 'ondergronds breuk late fakkelbrand' is voor alle ondergrondse componenten van toepassing.

Voor alle ondergrondse leidingen geldt dat de bovenkant van de leiding minimaal 40 cm onder het maaiveld ligt, waarmee voor al deze leidingen de uitstroomrichting verticaal is. In Safeti-NL is het zogenoemde kratermodel opgenomen dat voor scenario's met ondergrondse leidingen rekening houdt met de interactie van uitstromende stof, een gevormde krater en de omgevingslucht.

4.1.2 Bovengrondse installatieonderdelen

Voor bovengrondse installatieonderdelen wordt de nalevering vanuit stroomopwaartse en vanuit stroomafwaartse richting afzonderlijk beschouwd. Voor de stroomopwaartse bovengrondse leidingen is de leidinglengte en 'distance to break' van gelijk aan 4000 m. Voor de stroomafwaartse bovengrondse leidingen is de leidinglengte en 'distance to break' van gelijk aan 32 km

De scenario's die van toepassing zijn op de bovengrondse leidingen met de bijbehorende faalfrequentie zijn:

- Bovengronds breuk upstream vroege fakkelbrand;
- Bovengronds breuk upstream late fakkelbrand;
- Bovengronds breuk downstream vroege fakkelbrand;
- Bovengronds breuk downstream late fakkelbrand;
- Bovengronds lek.

Voor bovengrondse leidingen is de uitstroomrichting horizontaal en betreft de uitstroomhoogte 1 m.

4.1.3 Equivalente diameter en 'relative aperture'

Breuk van een leiding op een inrichting wordt gemodelleerd als een gat (d) in een leiding met een equivalente diameter (D_{eq}). De equivalente diameters voor upstream en downstream scenario's van de installatieonderdelen wordt per insluitsysteem bepaald en wordt voor upstream verkregen door voor alle inkomende leidingen (aanvoer) afzonderlijk de diameter (D) te kwadrateren, deze waarden te sommeren en daar de wortel van te nemen. In formulevorm:

$$D_{eq} = \sqrt{D_1^2 + D_2^2 + \dots + D_n^2}$$

Voor het berekenen van de equivalente diameter voor downstream worden diameters van de afvoerleidingen gebruikt.

Als 'relative aperture' wordt standaard een waarde van d^2/D_{eq}^2 gehanteerd, waarbij de werkelijke diameter van de leiding in het scenario wordt genomen voor de waarde d .

4.1.4 Ontstekingskans

Voor alle scenario's geldt dat de ontstekingskans is verwerkt in de faalfrequentie van het scenario, conform Rekenvoorschrift Omgevingsveiligheid. De kans op directe ontsteking is afhankelijk van de bronterm in geval van continue releases (uitstroom op tijdstip $t=0$). Voor continue release uitstroom voor locatie Eesveen is tussen de 10 kg/s en 100 kg/s waardoor de kans op directe ontsteking van aardgas gelijk is aan 4% (0,04). De kans op vertraagde ontsteking is gelijk aan 1 min de kans op directe ontsteking.

4.2 Specifieke parameters

De combinatie van het rekenpakket Safeti-NL en het Rekenvoorschrift wordt in het Bkl voorgeschreven als geüniformeerde rekenmethodiek voor het uitvoeren van een QRA. Deze paragrafen beschrijven de locatie specifieke parameters.

4.2.1 Aanwezige gevaarlijke stoffen en voorbeeldstoffen

De gevaren die door de inrichting veroorzaakt worden, worden bepaald door de aard van de binnen de inrichting aanwezige gevaarlijke stoffen. Voor Eesveen is dit onder andere aardgas en aardgascondensaat. Aardgas bestaat uit brandbare gassen. Het bestaat grotendeels uit methaan met kleine hoeveelheden andere koolwaterstoffen, stikstof en water. Het Rekenvoorschrift Omgevingsveiligheid Module II schrijft voor dat voor de risicoberekeningen methaan als voorbeeldstof voor aardgas gebruikt moet worden voor zowel behandeld als onbehandeld aardgas. In het aardgas op de locatie zit 150 ppm H₂S. Zoals eerder vermeld, vanuit de toelichting van het Rekenvoorschrift Omgevingsveiligheid, paragraaf 5.10.2.2.1 staat dat aardgas en (aardgas)condensaat met minder dan 4,3 vol% giftige stoffen worden ingedeeld als ontvlambaar.

De stof H₂S Scavenger is een toxische stof en valt onder acute toxisch categorie 4 (H302). De stof H₂S Scavenger is voornamelijk toxisch bij inslikken. Het is geen brandbare stof. Vanwege deze eigenschappen is H₂S Scavenger niet opgenomen in de QRA en zijn de activiteiten waarbij deze stof worden gebruikt buiten beschouwing gelaten.

4.2.2 Weergegevens

Voor het uitvoeren van de berekeningen zijn de weergegevens van weerstation Leeuwaarden toegepast. In onderstaande tabel is een overzicht gegeven van de weerklassen die worden beschouwd.

Tabel 1: Weertype

Weerklasse	Beschrijving
B3	Instabiel weer, gematigd zonnig, lichte tot gemiddelde wind (3 m/s)
D1,5	Licht instabiel weer, zonnig en winderig (1,5 m/s)
D5	Neutraal weer, bewolkt en winderig (5 m/s)
D9	Neutraal weer, bewolkt en winderig (9 m/s)
E5	Licht stabiel, licht winderig (3 m/s)
F1,5	Zeer stabiel, zeer licht winderig (1,5 m/s)

4.2.3 Ruwheidslengte

De ruwheidslengte is een (kunstmatige) lengtemaat die de invloed van de omgeving op de windsnelheid aangeeft. In deze studie is uitgegaan van een ruwheidslengte van 85 mm, zoals opgenomen in de ruwheidskaart voor X,Y-coördinaat 207, 537.

4.2.4 Ontstekingsbronnen

Op de locatie wordt een nieuwe flare gerealiseerd voor het afblazen of affakkelen van aardgas. Echter door de wijze van modelleren van vroege en late ontsteking conform hoofdstuk 10 van Rekenvoorschrift Omgevingsveiligheid Module II is er reeds aangenomen dat ontsteking altijd plaatsvindt bij overschrijden van de inrichtingsgrens. Om deze reden zijn geen additionele ontstekingsbronnen meegenomen.

4.2.5 Mogelijke gevaren van buiten de inrichting

Conform het Rekenvoorschrift Omgevingsveiligheid module IV [1] kunnen windturbines een maximale effectafstand hebben, uitgaande van de maximale werpafstand bij overtoeren. Domino-effecten als gevolg van het treffen door een windturbineblad, dient meegenomen te worden wanneer deze meer dan 10% bedraagt van de kans op falen van een installatie. Een Loss of Containment (LoC), ten gevolge van het falen van een windturbine dient meegenomen te worden in de QRA wanneer de

locatie zich binnen de maximale werpafstand van de windturbine bevindt. In een straal van 716 meter (maximale werpafstand) rond de inrichting zijn geen windturbines gelegen.

In de directe omgeving van de inrichting zijn geen vliegvelden gelegen. Het ontstaan van domino-effecten veroorzaakt door vliegverkeer wordt daarmee niet aannemelijk geacht.

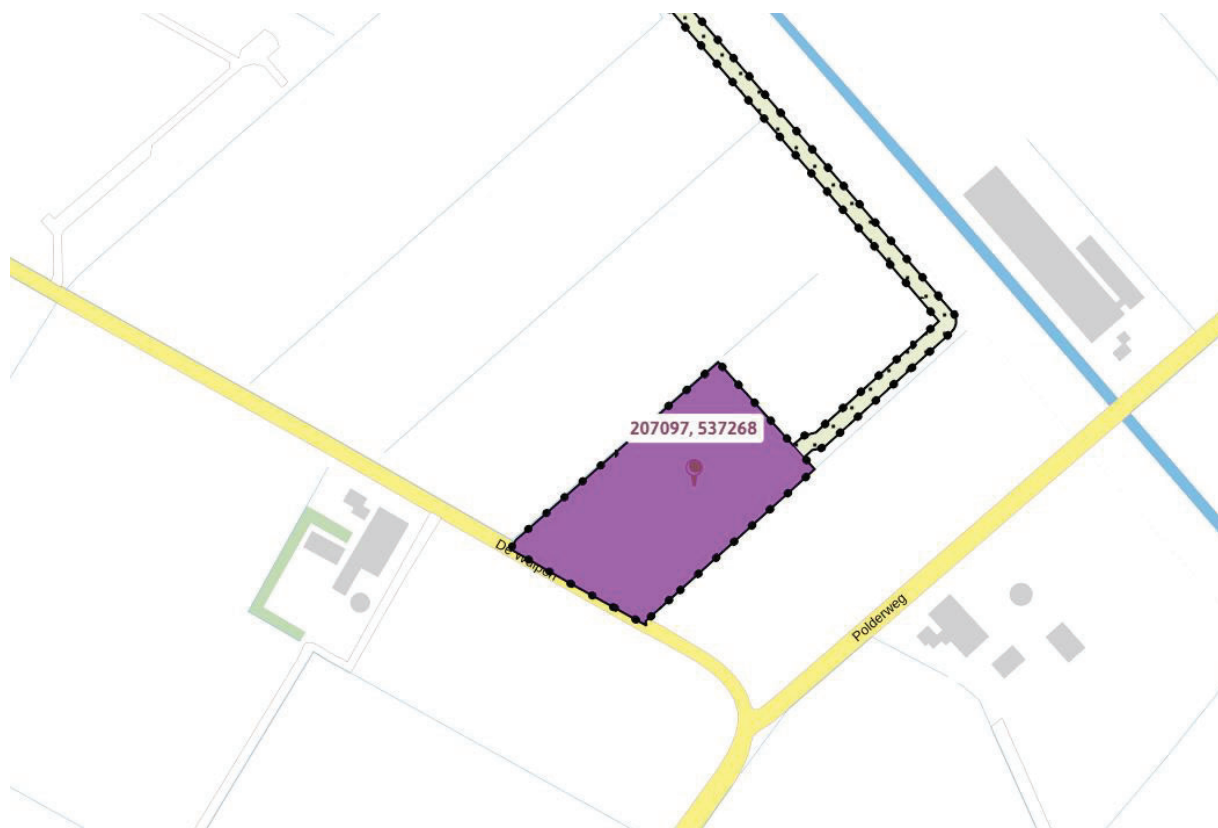
4.2.6 Mogelijke gevaren van binnen de inrichting

Conform paragraaf 10.2.4.1 van Module II van het rekenvoorschrift voor omgevingsveiligheid worden interne domino-effecten additioneel in rekening gebracht voor hogedruk gastransportleidingen. Echter, zijn er bij de voorgenomen activiteit een aantal maatregelen getroffen om interne domino-effecten als gevolg van flenslekkages te voorkomen. Voor delen van het terrein is er een werken gas- en branddetectiesysteem aanwezig. Voor de overige delen is er een procesbeveiliging aanwezig welke bij een verlaagde druk direct zal ingrijpen. Op basis van de bovenstaande maatregelen worden interne domino-effecten als gevolg van flenslekkages niet beschouwd in de QRA.

4.3 Populatiegegevens

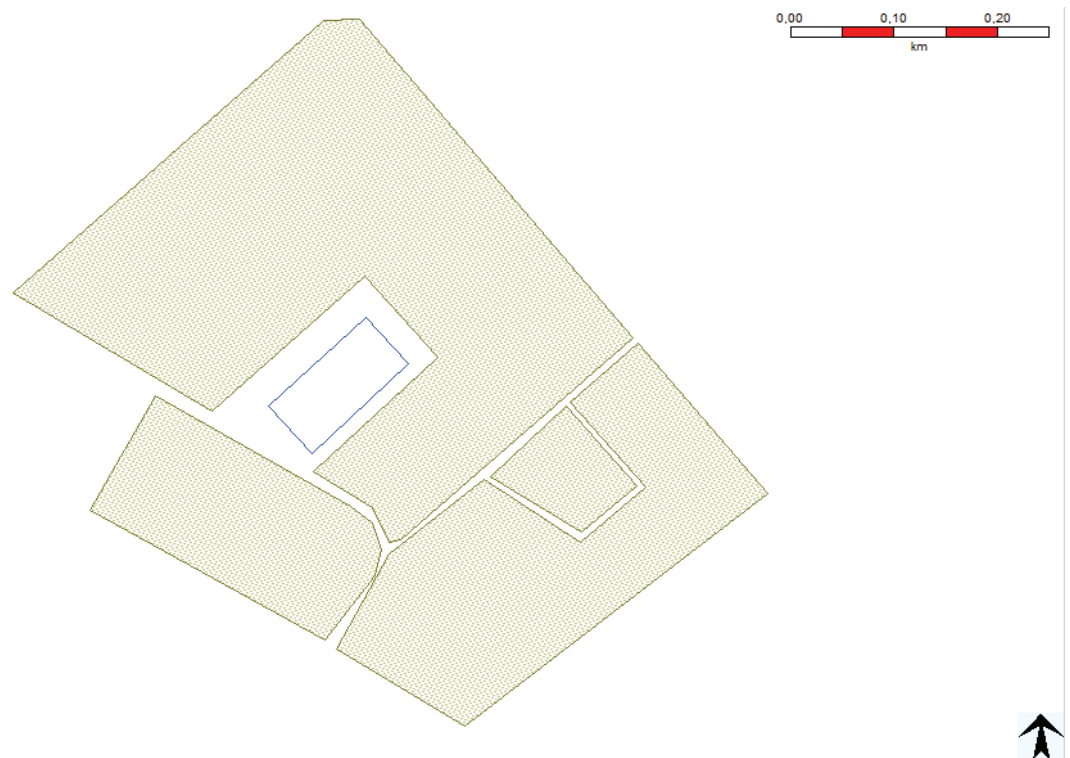
In paragraaf 6.1 is het figuur opgenomen waarop het invloedsgebied van Vermilion Eesveen is weergegeven. Ten behoeve van de berekeningen voor het groepsrisico dient de populatie binnen dit invloedsgebied te worden geïnventariseerd. Binnen het invloedsgebied vallen alleen weilanden en is er geen bebouwing aanwezig.

Conform de Handreiking verantwoordingsplicht groepsrisico [3] dient de nauwkeurigheid van de inventarisatie van de bevolking aan te sluiten bij de relatieve bijdrage aan het groepsrisico. Voor de inventarisatie van de bevolking binnen de plaatsgebonden risicocontour 10^{-8} risicocontour per jaar moet een nauwkeurigere inventarisatie van de populatie worden uitgevoerd (gebaseerd op basis van het Omgevingsplan [4]) dan voor de overige populatie binnen de maximale effectafstand.



Figuur 2: Ruimtelijke gegevens [4]

Aan de hand van het vastgestelde bestemmingsplan "Gaswinlocatie Eesveen" (op dit moment staat er nog niks in het Omgevingsplan opgenomen) is een doorvertaling gemaakt naar populatievlakken ten behoeve van de modellering. De locatie Eesveen is aangewezen als mijnbouwlocatie. Voor het omliggende gebied is geen vaststelling gegeven. Gekeken naar de omgeving van Eesveen wordt het gebied gebruikt voor de agrarische sector. Op basis hiervan zijn in de onderstaande afbeelding de geïnventariseerde bevolkingsvlakken weergegeven. Drie vlakken zijn aangenomen als agrarisch gebied met een populatiedichtheid van 1 persoon per hectare. Conservatief is voor de dag- en nachtperiode deze populatiedichtheid aangenomen. Voor nabijgelegen bedrijf met woning (Polderweg 2, 8347HL, Eesveen) is conform de handreiking verantwoording groepsrisico uitgegaan van een bevolking van 1,2 personen overdag en 2,4 personen in de nacht.



Figuur 3: Populatievlakken ten behoeve van risicoberekeningen (blauwe lijn is de terreingrens)



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5 Faalscenario's en gegevens modellering

In dit hoofdstuk worden de initiële faalscenario's van de diverse insluitsystemen op de locatie Eesveen beschreven. Tevens wordt beschreven welke gegevens en parameters van invloed zijn ten behoeve van de risicoberekeningen.

5.1 Gasputten

Voor de gasputten is gebruik gemaakt van Module II Rekenvoorschrift Omgevingsveiligheid. De gasputten vallen onder de milieubelastende activiteit van behandelen, regelen en meten van aardgas (A.1, E.7), mijnbouwwerk (E.11.1). Voor de QRA is gebruik gemaakt van paragraaf 10.3.3.1 en paragraaf 10.9.4.5. Op de locatie staan twee gasputten. In onderstaande tabel staan de gegevens voor de verschillende putten van Eesveen.

Tabel 2: Gegevens putten op Eesveen

Put	Temperatuur [°C]	FBHP [barg]	CITHP [barg]	Casing diameter [inch]	Tubing diameter [inch]	Lengte/tankhead [m]	Debiet [kg/s]
ESV-01	70	89	104	7	3,5	4000	1
ESV-02	70	126	192	7	3,5	4000	3
ESV-03	70	126	192	7	3,5	4000	3
ESV-04	70	126	192	7	3,5	4000	3

FBHP = flowing bottom hole pressure.

CITHP = closed-in tubing head pressure

De frequenties van het puts scenario's komen uit Module II paragraaf 10.3.3.1. [1]. In Tabel 3 zijn de faalscenario's opgenomen voor de gasputten omtrent productie en injectie. Voor onderhoud aan de gasputten zijn de scenario's weergegeven in Tabel 4 relevant.

Tabel 3: Initiële faalscenario's gasputten voor productie en injectie

	Frequentie (per jaar)			
Scenario	Casing blowout	Tubing blowout	Verticaal lek	Horizontaal lek
Productie	-	$3,3 \times 10^{-5}$	$5,2 \times 10^{-5}$	$9,4 \times 10^{-6}$
Injectie	-	$3,3 \times 10^{-5}$	$5,2 \times 10^{-5}$	$9,4 \times 10^{-6}$

Tabel 4: Initiële faalscenario's gasputten voor onderhoud

	Frequentie (per jaar)			
Scenario	Casing blowout	Tubing blowout	Verticaal lek	Horizontaal lek
Wireline	-	$8,9 \times 10^{-6}$	$1,4 \times 10^{-5}$	$2,6 \times 10^{-6}$
Coiled-tubing	-	$1,9 \times 10^{-4}$	$1,1 \times 10^{-4}$	$3,3 \times 10^{-5}$
Snubbing	-	$4,2 \times 10^{-4}$	$2,6 \times 10^{-4}$	$7,6 \times 10^{-5}$
Workover	$6,1 \times 10^{-5}$	$2,4 \times 10^{-4}$	$2,7 \times 10^{-4}$	$6,4 \times 10^{-5}$

Voor de productie geldt dat deze het hele jaar plaats vindt en injectie vindt niet plaats. Voor het onderhoud is uitgegaan dat er Wireline 1 maal per putjaar plaatsvindt, Coiled-tubing 1 maal per 5 putjaren en Workover 1 keer per 30 putjaren. Voor Snubbing is aangenomen dat dit niet plaatsvindt. In Tabel 5 zijn de verrekende faalfrequenties weergegeven voor put ESV-01, ESV-02, ESV-03 en ESV-04.

Tabel 5: Uitstroomscenario's en frequenties voor de gasput

Uitstroomscenario	Productie	Onderhoud
Casing blowout	-	$2,03 \times 10^{-6}$
Tubing blowout	$3,3 \times 10^{-5}$	$5,49 \times 10^{-5}$
Verticaal lek	$5,2 \times 10^{-5}$	$4,50 \times 10^{-5}$
Horizontaal lek	$9,4 \times 10^{-6}$	$1,13 \times 10^{-5}$

Voor de casing en tubing blowout wordt de faalfrequentie nog verrekend met de vroege en late ontstekingskans. Omdat de faalfrequentie is verrekend met de ontstekingskansen, wordt het scenario gemodelleerd met een directe ontstekingskans van 1.

Voor productiescenario's wordt gebruik gemaakt van de FBHP druk en de tubing diameter. In het model is dit gemodelleerd als een long pipeline point met een lengte van 4 kilometer met een diameter van 3,5 inch voor de upstream leiding. De nalevering vanuit de installaties op de put wordt door middel van maatwerk bepaald. De nalevering (downstream) is gebaseerd op de bepalende uitgaande leiding (zie paragraaf 5.2) middels het long pipeline model van een 6 inch leiding (bovengronds). Voor de tubing blowout scenario om een gelijktijdig uitstroom van de stroomop- en afwaartse leiding te krijgen zijn de debieten opgeteld. Om de uitstroom te modelleren is een representatieve leiding gemodelleerd. Deze leiding heeft een equivalente diameter van 6,95 inch en een relative aperture van 0,254.

Voor de scenario's van onderhoud wordt de CITHP gebruikt voor de druk. De casing diameter of tubing diameter worden respectievelijk voor de casing blowout of tubing blowout. Hiervoor wordt bij de blowout scenario's een long pipeline point model gebruikt met een lengte van 4 kilometer. De pumped inflow is gelijk aan 0 kg/s (ingesloten put). Nalevering vindt uitsluitend plaats vanuit de put. Voor het lekscenario geldt 10% van de casing diameter.

5.2 Hogedruk aardgasleidingen

De in onderstaande tabel opgenomen leidingen zijn relevant voor deze locatie.

Tabel 6: Overzicht aansluitingen

Aansluiting	Diameter [inch]	Max. werkdruk [barg]	Aan- of afvoer
Flowline ESV-01	4	89	Aanvoer
Flowline ESV-02	4	126	Aanvoer
Flowline ESV-03	4	126	Aanvoer
Flowline ESV-04	4	126	Aanvoer
Leiding naar flare	10	36	Afvoer
Exportleiding	6	36	Afvoer

In overeenstemming met paragraaf 10.9.4.1 van het Rekenvoorschrift Omgevingsveiligheid zijn 'bepalende leidingdelen' bepaald voor inkomende en uitgaande transportleidingen.

De vier flowlines vanaf de putten zijn de aanvoerende leidingen voor de locatie. Hierbij, is de flowline van de ESV-02/03/04 de maatgevende leiding van de vier putten. De druk voor alle stroomopwaartse leidingen is daarom gelijk aan 126 barg. Omdat de afstand naar het reservoir minder dan 10 kilometer is, worden voor de stroomopwaartse leidingen de lengte van 4 kilometer gebruikt voor het long pipeline model. De temperatuur is gelijk aan 70 graden. Voor de afvoer is de exportleiding de maatgevende. De leiding naar de flare wordt alleen incidenteel gebruikt (in het geval van afblazen of affakkelen) en is



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daarom niet meegenomen in de modellering. De stroomafwaartse leidingen zijn daarom met een druk van 36 barg bij een temperatuur van 30 graden Celsius gemodelleerd. De lengte voor de bovengrondse leidingen is, conform handleiding, gesteld op 32 kilometer. Voor de ondergrondse leiding is de lengte 64 kilometer.

De equivalente diameter (paragraaf 4.1.3) is bepaald voor inkomende en uitgaande transportleidingen. Gezien de locatie eenvoudig is qua lay-out, is er niet gekozen voor de black-box benadering, maar is er per deel van de locatie de equivalente diameter voor de Voor de equipment die is aangesloten op één put is de equivalente upstream diameter 4 inch, voor de equipment aangesloten op twee putten is de equivalente upstream diameter 5,7 inch en voor equipment of leidingen aangesloten op vier putten is de equivalente upstream diameter 8,0 inch. Voor uitgaande transportleidingen is dit 6 inch. Voor de ondergrondse transportleiding is de gebruikte equivalente diameter separaat bepaald.

5.2.1.1 Bovengronds

Hogedruk gastransportleidingen worden gemodelleerd volgens paragraaf 10.4.3.3 van het Rekenvoorschrift Omgevingsveiligheid Module II. Omdat alle leidingen binnen de twee putten en hoofdgastransportsysteem met elkaar in verbinding staan, wordt verondersteld dat alle leidingen aan de voorwaarden voldoen om als hogedruk gastransportleiding te worden beschouwd (o.a. rigide systeem van leidingen, minimum 25 meter lang, minimaal 2 inch uitwendige diameter en een ontwerpdruk van minimaal 16 barg). Dit heeft met betrekking tot kortere leidingdelen het voordeel dat de uitstroming, door toepassing van het 'long pipeline model', niet tot onderschatting van de uitstroomhoeveelheid leidt. Voor de effectmodellering wordt verder onderscheid gemaakt in bovengrondse en ondergrondse leidingdelen. Voor bovengrondse leidingen zijn de scenario's uitgewerkt in navolgende tabel. In het model wordt, conform het rekenvoorschrift, het lek in de leiding en flenslekkage als een scenario ingevoerd. Hiermee wordt de faalkans voor de flenzen gelijkmatig over de leiding verspreid.

Tabel 7: Opbouw scenario's van de bovengrondse leidingen in Safeti-NL

Scenario Name	Event Frequency [m/jaar]	P ignition [-]	Event Frequency [m/jaar]
Bovengronds breuk upstream 0-20s	$5,6 \times 10^{-9}$	0,04	$2,24 \times 10^{-10}$
Bovengronds breuk upstream 20-140s		0,96	$5,38 \times 10^{-9}$
Bovengronds breuk downstream 0-20s	$5,6 \times 10^{-9}$	0,04	$2,24 \times 10^{-10}$
Bovengronds breuk downstream 20-140s		0,96	$5,38 \times 10^{-9}$
Lek in de leiding	$2,0 \times 10^{-8}$	1	$2,0 \times 10^{-8}$
Flenslekkage	$9,3 \times 10^{-7}$ / flens	1	$9,3 \times 10^{-7}$

De tabel hieronder geeft voor elk stuk leidingwerk in de QRA de equivalente diameter (D_{eq}) en de relatieve gatgrootte (relative aperture) zoals beschreven in paragraaf 4.1.3.

Tabel 8. Equivalente diameter en relatieve aperture van het leidingwerk.

Leiding	Diameter [inch]	Upstream D_{eq} [inch]	Downstream D_{eq} [inch]	Upstream relative aperture [-]	Downstream relative aperture [-]
Enkele put aansluiting	4	4	6	1	0,44
Nieuwe lus	10	4	6	1	1
Gezamenlijke leiding 2 putten	4	5,7	6	0,5	0,44
Gezamenlijke leiding 4 putten	4	8	6	0,25	0,44
Uitgaande transportleiding	6	8	6	0,56	1



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5.2.1.2 Ondergronds

Voor ondergrondse leidingen zijn de scenario's uitgewerkt in onderstaande tabel. Voor alle leidingen is uitgegaan van een gronddekking van 1 meter. De ondergrondse leiding is de exportleiding. Deze heeft een diameter van 6 inch. Voor de uitstroming bij een leidingbreuk worden de stroomop- en afwaartse nalevering bij elkaar opgeteld in één verticale jet. De exportleiding is gemodelleerd met een operationele druk van 126 barg, aangezien de putten upstream het bepalende leidingdeel is. Er is gerekend met de equivalente diameter van 8 inch van het bepalende leidingdeel, dit resulteert in een relative aperture van 0,56.

Tabel 9: Opbouw scenario's van de ondergrondse leidingen in Safeti-NL

Scenario Name	Event Frequency [m/jaar]	P ignition [-]	Event Frequency [m/jaar]
Ondergrondse breuk leiding 0-20s	5,6 x 10 ⁻⁹	0,04	2,24 x 10 ⁻¹⁰
Ondergrondse breuk leiding 20-140s		0,96	5,38 x 10 ⁻⁹
Lek in de leiding	2,0 x 10 ⁻⁸	1	2,0 x 10 ⁻⁸

5.3 3 fasen afscheider DS-100

Op de locatie staat de 3 fasen afscheider DS-100. Dit is een bestaande activiteit en is tegenwoordig onderdeel van de separator package SP-100 (de verzamelaar voor de gas treatment). De DS-100 is gemodelleerd als een vat onder druk (volume 1,23 m³). Aangezien de nalevering significant is, op de inhoud van het vat, is voor het instantaan falen een leidingbreuk gemodelleerd van de bovenstroomse en benedenstroomse leidingen. De leidingbreuk is gemodelleerd voor directe (0-20 s) en vertraagde (20-140 s) ontsteking, resulterend in vier scenario's voor het instantaan falen. De faalfrequentie van instantaan falen procesvat is vermenigvuldigd met de ontstekingskans (0,04 direct en 0,96 vertraagd). Omdat de faalfrequentie is verrekend met de ontstekingskansen, wordt het scenario gemodelleerd met een directe ontstekingskans van 1. De aansluitende leidingen voor DS-100 hebben een diameter van 6 inch. Stroomopwaarts is de relative aperture gelijk aan 0,56 en stroomafwaarts is deze gelijk aan 1. De druk en temperatuur van DS-100 is gelijk aan de benedenstroomse condities (30 °C en 36 barg).

5.3.1 Initiële faalscenario's vat onder druk

In onderstaande tabel zijn de initiële faalscenario's weergegeven voor een vat onder druk.

Tabel 10: Initiële faalscenario's procesvat

Scenario	Frequentie
1. Instantaan vrijkomen van de gehele inhoud	5 x 10 ⁻⁸ /jaar
2. Vrijkomen van de gehele inhoud in 10 minuten in een continue en constante stroom	5 x 10 ⁻⁸ /jaar
3. Continue vrijkomen uit een gat met een effectieve diameter van 10 mm	1 x 10 ⁻⁴ /jaar

5.4 Niet gemodelleerde systemen

5.4.1 Afblaasleiding

Binnen de inrichting bevinden zich afblaasleiding richting de flare (DN-200 leiding). Dit is een bovengrondse leiding die onder andere gebruikt worden voor het drukloos maken van (delen van de) inrichting in geval van een calamiteit.

Een afblaasleiding staat in open verbinding met de atmosfeer en is afgescheiden van de onder druk staande installatiedelen door afsluiters. Het gedeelte van de afblaasleiding vanaf deze afsluiter wordt normaal niet gebruikt en is drukloos. Om deze reden wordt dit gedeelte niet meegenomen in deze analyse.

5.4.2 Productiewater

In de bestaande situatie wordt productiewater afgescheiden van de gasstroom en opgeslagen in één van de vier opslagtanks TA-400/410/420 en 430. De maximale vulgraad van de tanks bedraagt 90%. Deze tanks bevatten voornamelijk formatiewater met een kleine hoeveelheid aardgascondensaat en sporen van hulpstoffen. Wanneer de inhoud van de tank voor meer dan 55 massa% uit water bestaat, hoeft deze niet te worden beschouwd in de QRA volgens het Rekenvoorschrift Omgevingsveiligheid Toelichting paragraaf 5.10.2.6. Om deze reden zijn de tanks niet opgenomen in de QRA. Evenredig zijn de aanverwante activiteiten (pompen en leidingwerk) voor het productiewater niet meegenomen in de QRA. Met de beoogde wijzigingen komen er nieuwe activiteiten voor het productiewater betreffende: de condensaat pompen (GA-802 en 803) en basket filters. Omdat de activiteiten omtrent het productiewater niet relevant zijn voor de QRA zijn deze nieuwe activiteiten daarom ook niet relevant voor de QRA.

5.4.3 H₂S scavenger activiteiten

Aangezien de stof H₂S scavenger geen relevante H-zinnen heeft (betreffende brand of toxisch) voor de QRA zijn alle activiteiten met deze stof buiten beschouwing gelaten. Het gaat hier om de opslagtank (TA-500), de twee pompen (GA-500 en 510) en aanverwant leidingwerk.

5.4.4 ESD systeem

Bij de voorgenomen activiteiten zal een Emergency Shut Down (ESD) systeem aanwezig zijn. Er is bij de modellering conservatief voor gekozen om dit systeem niet te beschouwen. Hiermee wordt er bij een LOC uitgegaan van een onafgebroken uitstroming.

6 Resultaten en toetsing

Er is een risicoanalyse uitgevoerd met als doel het inzicht verkrijgen in de externe risico's. Deze QRA is uitgevoerd met het door de overheid voorgeschreven modelleringprogramma Safeti-NL

6.1 Effectafstand tot 1% letaal (LC01)

Het invloedsgebied is het gebied tot waar 1% letaliteitseffecten merkbaar zijn. Het invloedsgebied bedraagt 420 meter. Dit invloedsgebied wordt bepaald door het scenario "Long Pipeline NSL breuk Ondergr O" bij weertype D9. Dit scenario correspondeert met een leidingbreuk in de ondergrondse exportleiding.

In Figuur 4 is het invloedsgebied van de beoogde situatie (op basis van de risicocontour 10^{-30} per jaar) weergegeven. Ter vergelijking is het invloedsgebied van de huidige situatie weergegeven in Figuur 5.



Figuur 4: Invloedsgebied in de beoogde situatie.

Het invloedsgebied is groter geworden in de beoogde situatie. Dit komt doordat het leidingwerk veranderd is op de locatie (ligging) maar ook omdat de procescondities anders zijn dan voorheen (hogere druk en temperatuur). Daarnaast zit er nog een verschil in de Safeti-NL versie die kan leiden tot veranderingen in de contouren.

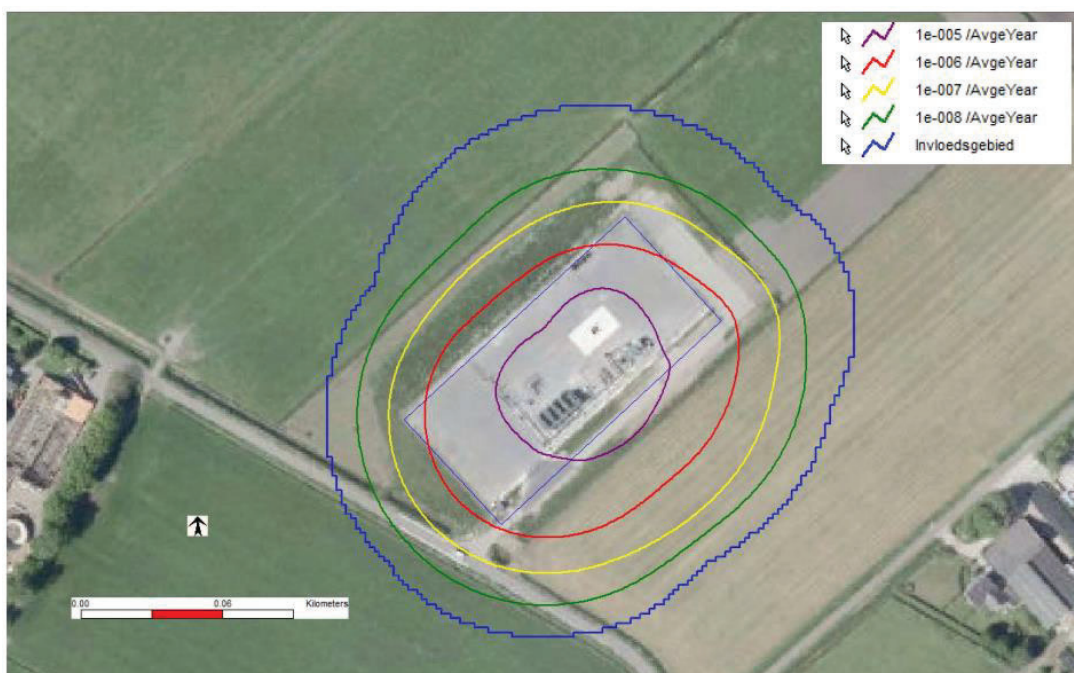
6.2 Plaatsgebonden risico

Het PR, ook wel individueel risico genoemd, is de kans per jaar op een dodelijk ongeval ten gevolge van een ongevoon voorval (ongevalsscenario) indien een persoon (onbeschermd in de buitenlucht) zich bevindt op een bepaalde plaats waar hij voortdurend (24 uur per dag en gedurende het hele jaar) wordt blootgesteld aan de risico's van een ongevoon voorval.

Het PR wordt weergegeven als PR-contouren. Zo laat de 10^{-06} PR-contour die plaatsen zien waar de kans op het overlijden van een persoon één miljoenste per jaar bedraagt. Ter vergelijking: de gemiddelde (niet natuurlijke) overlijdenskans voor

een willekeurige Nederlander is circa 10^{-04} per jaar, een factor 100 hoger. Het PR is onafhankelijk van de bevolkingsverdeling in de omgeving van de inrichting. Het wettelijk kader is beschreven in hoofdstuk 2 en maakt onderscheid tussen kwetsbare en beperkt kwetsbare gebouwen en locaties. In

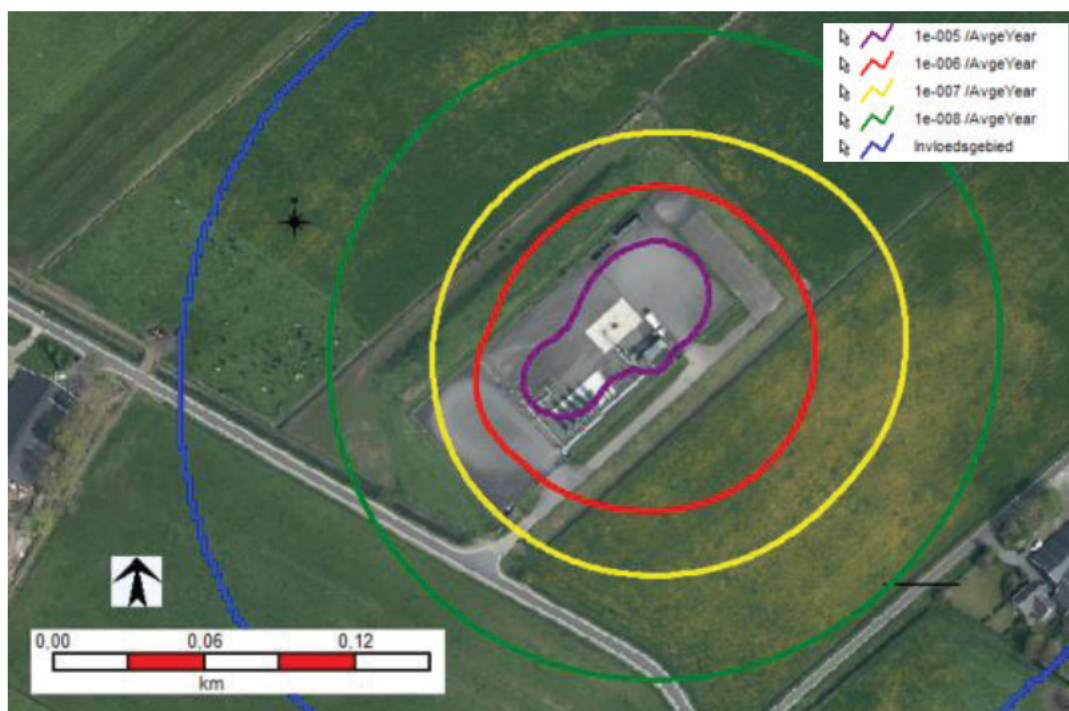
Figuur 5 Figuur 5 zijn de plaatsgebonden risicocontouren van Vermilion Eesveen opgenomen van de huidige situatie. Figuur 6 geeft de risicocontouren van de beoogde situatie met dezelfde schaal, zodat deze vergeleken kunnen worden met de situatie uit de huidige situatie. Figuur 7 geeft de risicocontouren van de beoogde situatie weer in een grotere schaal, zodat alle contouren compleet zichtbaar zijn.



Figuur 5: Plaatsgebonden risico en invloedsgebied (blauw), huidige situatie. QRA 2016 in Safeti-NL 6.54.



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Figuur 6: Plaatsgebonden risico en invloedsgebied, beoogde situatie in Safeti-NL 9.2, (Gelijke schaal als figuur 5 zodat een betere vergelijking mogelijk is)



Figuur 7: Plaatsgebonden risico, beoogde situatie in Safeti-NL 9.2 (grotere schaal, zodat alle contouren compleet zichtbaar zijn)

De risicocontouren van de locatie Eesveen zijn gewijzigd voor de beoogde situatie. De PR 10^{-6} per jaar contour is in sommige richtingen groter geworden en in andere kleiner. In het noorden en zuidoosten is de contour groter geworden terwijl de contour kleiner is geworden in het zuidwesten. De veranderingen van de contour liggen aan het feit dat het leidingwerk is aangepast op de locatie (nieuwe route) maar ook doordat de faalfrequentie van hogedruk aardgastransport is gebruikt ten opzichte van de faalfrequenties van 'normale' leidingen op een locatie. Hierdoor is de faalkans per jaar verlaagd van



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ordegrootte 10^{-7} en 10^{-8} naar 10^{-9} en 10^{-10} voor hogedruk aardgasleidingen. Doordat de procescondities zijn veranderd (hogere druk) en een grotere diameter leiding in de beoogde situatie komt te liggen, die een groter effect heeft, is niet overal de risicocontour kleiner geworden door het modelleren met de lagere faalfrequentie voor de leidingen. Wel is te zien dat door de veranderingen de PR 10^{-5} per jaar contour weliswaar iets groter wordt, maar bijna volledig binnen de locatie blijft. Daarnaast speelt de wijziging van de Safeti-NL versie en de aanpassing van de ruwheidslengte mee in de berekening van de risicocontouren waardoor er verschillen ontstaan tussen de huidige en beoogde situatie. De gecombineerde wijzigingen van activiteiten op de locatie Eesveen en de modelmatige aanpassingen zorgt voor de veranderingen in de risicocontouren.

6.3 Aandachtsgebieden

Aandachtsgebieden zijn gebieden die zichtbaar maken waar mensen binnenshuis, zonder aanvullende maatregelen, onvoldoende beschermd kunnen zijn tegen de gevolgen van ongevallen met gevaarlijke stoffen door een nabijgelegen milieubelastende activiteit.

Er is een onderscheid tussen drie soorten gevaren: warmtestraling (brand), overdruk (explosie) en concentratie giftige stoffen in de lucht (gifwolk). Daarmee zijn er ook drie typen aandachtsgebieden. De types aandachtsgebieden en waardoor ze worden begrensd zijn:

- Brandaandachtsgebied (10 kW/m² contour);
- Explosieaandachtsgebied (10 kPa overdrukcontour);
- Gifwolkaandachtsgebied (contour van bij ministeriële regeling vastgestelde concentratie).

Voor locatie Eesveen geldt alleen een brandaandachtsgebied.

6.3.1 Brandaandachtsgebied

Door Safeti-NL is de contour voor 10 kW/m² berekend en deze is weergegeven op de kaart in onderstaand figuur om de ligging van het brandaandachtsgebied aan te geven.



Figuur 8: Brandaandachtsgebied (in blauw de 10 kW/m² van de jet fire)

Binnen het brandaandachtsgebied bevindt zich ten oosten van de locatie Eesveen een (beperkt) kwetsbaar gebouw in de vorm van een boerderij (Polderweg 2). Met betrekking tot bestaande gebouwen gelden er voor aandachtsgebieden geen aanvullende eisen. Wel dient het bevoegd gezag bij toekomstige ruimtelijke ontwikkelingen rekening te houden met de gevolgen van een brand op de locatie Eesveen. In het geldende Omgevingsplan van de gemeente Steenwijkerland zijn momenteel echter geen toekomstige ontwikkelingen binnen dit gebied voorzien en zijn geen specifieke regels of beperkingen opgenomen die voortvloeien uit het brandaandachtsgebied.

Binnen het aandachtsgebied zou bij eventuele toekomstige wijzigingen van het Omgevingsplan rekening gehouden moeten worden met de gevolgen van brand op de locatie Eesveen.

In de QRA van de huidige situatie, opgesteld met Safeti-NL 6.54, is geen brandaandachtsgebied bepaald. Aangezien alle effecten voor deze activiteit ontstaan als gevolg van brand, komt het brandaandachtsgebied overeen met het invloedsgebied. Dit komt overeen met de blauwe contour uit figuur 5. De uitleg waarom deze contour is toegenomen in de huidige QRA is gelijk aan de uitleg over de toename van de PR-contouren in paragraaf 6.2.

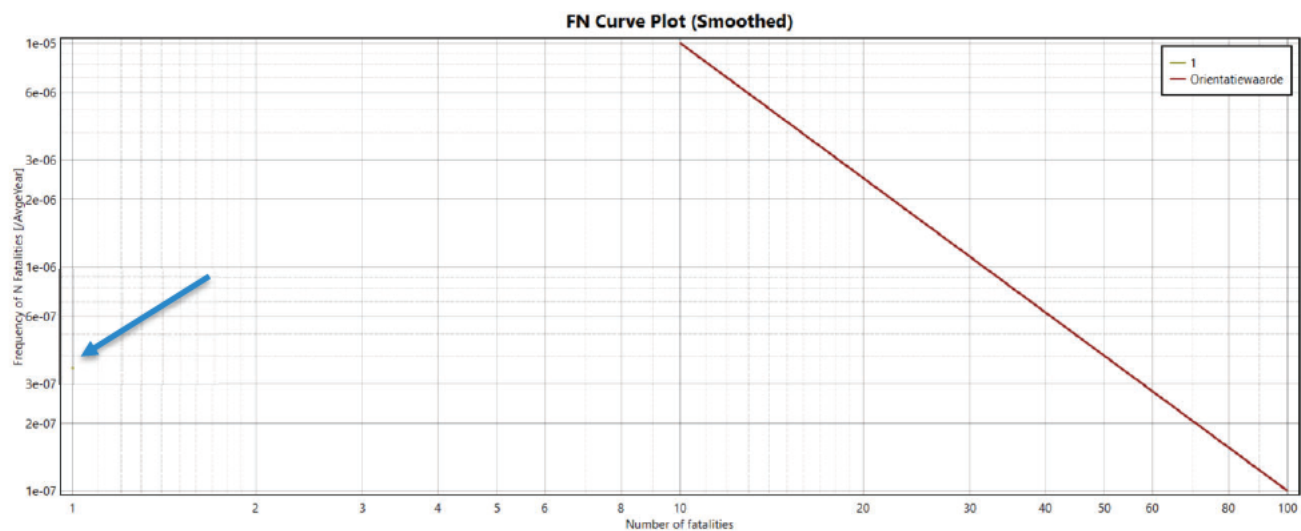
Hoewel het brandaandachtsgebied in de nieuwe situatie wél over de betreffende boerderij valt, leidt dit niet tot aanvullende eisen vanuit het huidige Omgevingsplan van de gemeente Steenwijkerland.

6.4 Groepsrisico

Het groepsrisico (GR) is de kans per jaar dat een groep van een bepaalde grootte dodelijk slachtoffer wordt van een ongeval. Het GR wordt vastgelegd in een zogenaamde F(N)-curve en is afhankelijk van de bevolkingsverdeling in de omgeving van het bedrijf. In een F(N)-curve staat op de verticale as de kans weergegeven dat meer dan N slachtoffers ten gevolge van het beschouwde scenario komen te overlijden. Deze kans wordt uitgedrukt in de eenheid 'per jaar'. Op de horizontale as staat het aantal slachtoffers weergegeven.

De oriënterende waarde voor het groepsrisico is als volgt bepaald. Voor een groep van tenminste 10 slachtoffers bedraagt de maximaal toegestane frequentie 10^{-5} per jaar. Voor een N maal groter aantal slachtoffers is de bijbehorende frequentie een factor N^2 lager (met andere woorden: voor een aantal van 100 slachtoffers bedraagt de maximaal toegestane frequentie 10^{-7} per jaar). Voor het groepsrisico geldt in vergelijking tot het plaatsgebonden risico geen 'harde' norm. Wel geldt voor het groepsrisico een verantwoordingsplicht. Dit betekent dat er een politieke afweging moet worden gemaakt van de risico's tegen de maatschappelijke baten en kosten van een risicovolle activiteit.

In het verleden is er geen populatie meegenomen en dus ook geen groepsrisico berekend. In de beoogde situatie kan er maximaal 1 persoon komen te overlijden als gevolg van een ongewoon voorval op de locatie Eesveen. Dit geeft een enkel punt voor het groepsrisico in het figuur hieronder. Doorgaans wordt alleen gesproken over een groepsrisico als een groep van ten minste 10 personen kan komen te overlijden.



Figuur 9: Groepsrisico (met pijl is het groepsrisico aangegeven)

6.5 Grootste bijdrage risico's

6.5.1 Individual risk ranking points

Voor de locatie Eesveen zijn "risk ranking points" geplaatst. Op deze punten kan de bijdrage van het risico van verschillende scenario's bepaald worden. De betreffende risk ranking points zijn weergegeven in onderstaande afbeelding.



Figuur 10: Risk ranking points

In Bijlage 3 is het "Individual Risk Ranking Report" opgenomen waarin per risk ranking point de grootste bijdrage aan het PR is weergegeven.



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Tabel 11: Procentuele bijdrage aan het PR op de verschillende RRP's.

Scenario	Procentuele bijdrage aan het risico
<i>RRP Zuid</i>	
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 breuk U V\Long Pipeline Breach G1 DS-100 breuk U V	86%
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 breuk U O\Long Pipeline Breach G1 DS-100 breuk U O	5%
<i>RRP Noord</i>	
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 breuk U V\Long Pipeline Breach G1 DS-100 breuk U V	87%
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 breuk U O\Long Pipeline Breach G1 DS-100 breuk U O	4%
<i>RRP Oost</i>	
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 breuk U V\Long Pipeline Breach G1 DS-100 breuk U V	79%
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 breuk U O\Long Pipeline Breach G1 DS-100 breuk U O	3%
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 breuk D O\Long Pipeline Breach G1 DS-100 breuk D O	2%
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Ondergr V\Long Pipeline Breach NSL breuk Ondergr V	1%
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Ondergr V\Long Pipeline Breach NSL breuk Ondergr V	1%
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Ondergr V\Long Pipeline Breach NSL breuk Ondergr V	1%
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Ondergr V\Long Pipeline Breach NSL breuk Ondergr V	1%

6.5.2 Societal risk ranking

In Bijlage 4 is het "Societal Risk Ranking Report" opgenomen waarin is aangegeven welke scenario's de grootste bijdrage hebben aan het GR. Echter is officieel geen sprake van een groepsrisico.

6.5.3 Maximale effectafstanden

In Bijlage 5 is een overzicht weergegeven van de maximale effectafstanden van de afzonderlijke LOC-scenario's. Het overzicht is door Safeti-NL opgesteld.



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7 Conclusie

Deze kwantitatieve risicoanalyse (QRA) is opgesteld voor Vermilion Energy Netherlands B.V. locatie Eesveen 1 gelegen aan de Wulpen ten zuidoosten van Eesveen, provincie Overijssel. De milieubelastende activiteit van Vermilion valt onder, zoals omschreven in hoofdstuk 3 van het Bal (besluit activiteiten leefomgeving): behandelen, regelen en meten van aardgas, en is daarmee verplicht een QRA op te stellen. Voor de berekening van de QRA is gebruik gemaakt van het Rekenvoorschrift Module II hoofdstuk 10: behandelen, regelen en meten van aardgas (A.1, E.7), mijnbouwwerk (E.11.1) [1].

Op de locatie Eesveen 1 zijn twee putten aanwezig voor de winning van aardgas: ESV-1 en ESV-2. Het aardgas dat uit ESV-02 wordt gewonnen, bevat 150 ppm H₂S. Om dit gas uit het aardgas te verwijderen, zijn verschillende extra voorzieningen nodig op de locatie. Daarnaast worden in het kader van een emissiereductieproject enkele wijzigingen aangebracht aan de installaties. Verder zullen hiernaast nog twee additionele putten, ESV-3 en ESV-4, in bedrijf worden genomen.

Het doel van de QRA is het vaststellen van het plaatsgebonden risico en de aandachtsgebieden van de risicodragende activiteiten. Aanvullend is het groepsrisico opgenomen, om de impact voor de populatie binnen een aandachtsgebied beter te kunnen duiden. De uitkomsten van de in dit rapport beschreven uitvoering van de QRA worden beschouwd in het kader van de wetgeving op het gebied van externe veiligheid, zoals opgenomen in het Besluit Kwaliteit Leefomgeving (Bkl).

De risicoberekeningen zijn uitgevoerd overeenkomstig het Rekenvoorschrift Omgevingsveiligheid [1] en de bijbehorende toelichting van januari 2025 in combinatie met het rekenprogramma Safeti-NL [2].

Plaatsgebonden risico

De risicocontouren van de locatie Eesveen zijn gewijzigd voor de beoogde situatie. De PR 10⁻⁶ per jaar contour is in sommige richtingen groter geworden en in andere kleiner. In het noorden en zuidoosten is de contour groter geworden terwijl de contour kleiner is geworden in het zuidwesten. De veranderingen van de contour liggen aan het feit dat het leidingwerk is aangepast op de locatie (nieuwe route) maar ook doordat de faalfrequentie van hogedruk aardgastransport is gebruikt ten opzichte van de faalfrequenties van 'normale' leidingen op een locatie. Hierdoor is de faalkans per jaar verlaagd van ordegrootte 10⁻⁷ en 10⁻⁸ naar 10⁻⁹ en 10⁻¹⁰ voor hogedruk aardgasleidingen. Doordat de procescondities zijn veranderd (hogere druk) en een grotere diameter leiding in de beoogde situatie komt te liggen, die een groter effect heeft, is niet overal de risicocontour kleiner geworden door het modelleren met de lagere faalfrequentie voor de leidingen. Wel is te zien dat door de veranderingen de PR 10⁻⁵ per jaar contour kleiner is geworden en bijna volledig binnen de locatie blijft. Daarnaast speelt de wijziging van de Safeti-NL versie en de aanpassing van de ruwheidslengte mee in de berekening van de risicocontouren waardoor er verschillen ontstaan tussen de huidige en beoogde situatie. De gecombineerde wijzigingen van activiteiten op de locatie Eesveen en de modelmatige aanpassingen zorgt voor de veranderingen in de risicocontouren.

De nieuwe activiteiten betreffende de H₂S scavenger, het productiewater en de flare zijn niet relevant voor de QRA en hebben daarom geen invloed op de risicocontouren voor de locatie Eesveen.

Aandachtsgebieden

Binnen het brandaandachtsgebied bevindt zich ten oosten van de locatie Eesveen een (beperkt) kwetsbaar gebouw in de vorm van een boerderij. M.b.t. bestaande gebouwen gelden er voor aandachtsgebieden geen aanvullende eisen. Wel dient er door het bevoegd gezag bij toekomstige nieuwbouw rekening te worden gehouden met de gevolgen van brand op de locatie Eesveen. In het Omgevingsplan is niks opgenomen van toekomstige ontwikkelingen in dit gebied. Binnen het aandachtsgebied dient er in het Omgevingsplan rekening gehouden te worden met de gevolgen van brand op de locatie Eesveen.

Groepsrisico

In het verleden is er geen populatie meegenomen en dus ook geen groepsrisico berekend. In de beoogde situatie zijn er minder dan 10 slachtoffers waardoor er geen sprake is van een groepsrisico.



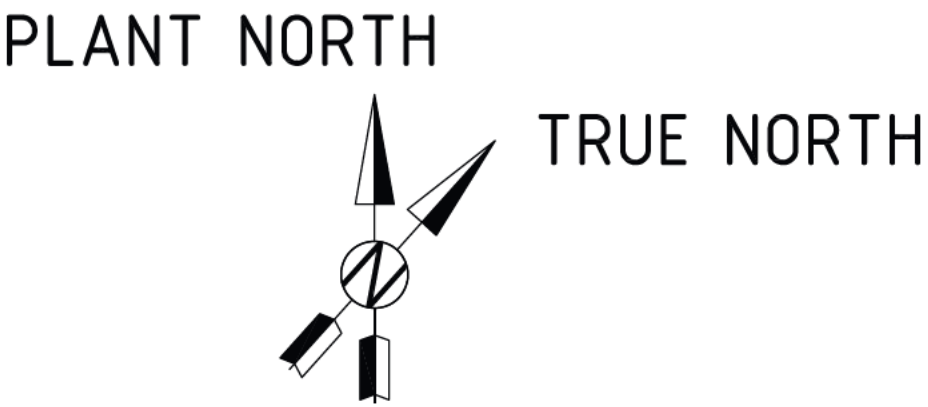
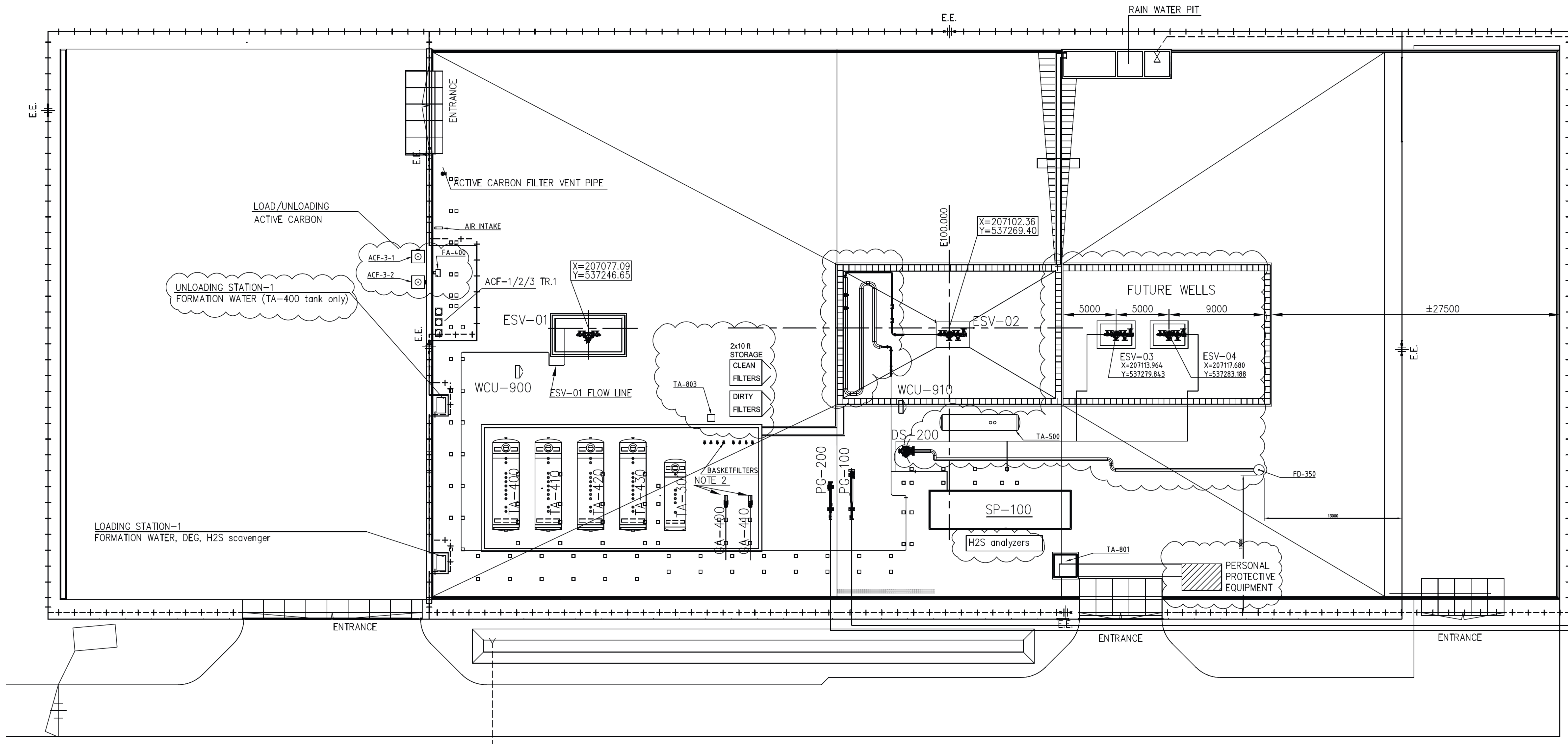
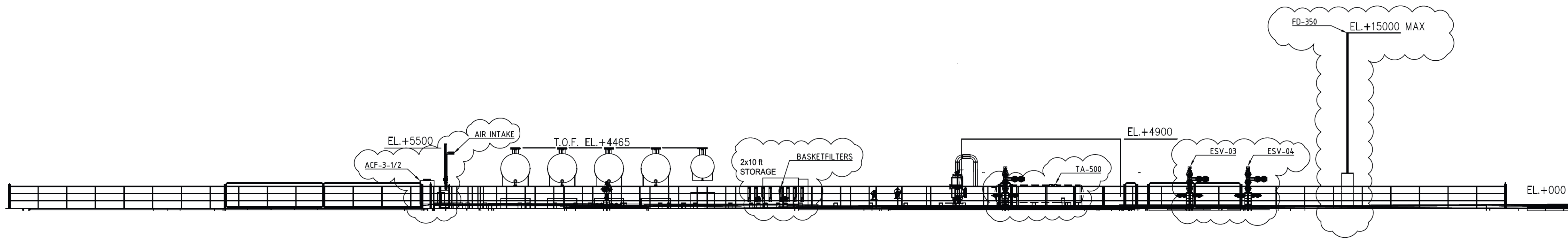
Referenties

1. Rekenvoorschrift Omgevingsveiligheid, RIVM, inclusief toelichting, juli 2025
2. Safeti-NL versie 9.2 DNV GL, 2025;
3. Handreiking verantwoordingsplicht groepsrisico, VROM, versie 1.0, november 2007;
4. Regels op de kaart – Omgevingswet – Regels op de kaart – Omgevingsloket (overheid.nl):
 - Bestemmingsplan Gaswinlocatie Eesveen Steenwijkerland, vastgesteld 17-09-2013.



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Bijlage 1. Plattegrondtekening



EQUIPMENT LIST

ITEM	DESCRIPTION	DIMENSIONS
ACF-1/2/3-TR1	ACTIVE CARBON FILTER - TRAIN 1	-
ACF-3-1/2	ACTIVE CARBON FILTERS	-
DS-200	KNOCK-OUT DRUM	Ø930x1750 (T.L. TO T.L.)
ESV-01	WELL - EESVEEN	-
GA-400	FORMATION WATER PUMP	-
GA-410	FORMATION WATER PUMP	-
ESV-02	WELL EESVEEN	-
ESV-03/04	NEW WELL EESVEEN	-
PG-100	PIG LAUNCHER - NATURAL GAS	-
PG-200	PIG LAUNCHER - FORMATION WATER	-
SP-100	SEPARATOR PACKAGE	13500x3700x4900 (LxWxH)
TA-300	DEG TANK	Ø2000x6090 (T.L. TO T.L.)
TA-400	FORMATION WATER TANK	Ø2500x8000 (T.L. TO T.L.)
TA-410	FORMATION WATER TANK	Ø2500x8000 (T.L. TO T.L.)
TA-420	FORMATION WATER TANK	Ø2500x8000 (T.L. TO T.L.)
TA-430	FORMATION WATER TANK	Ø2500x8000 (T.L. TO T.L.)
WCU-900	WELL HEAD CONTROL PANEL	1200x400XH (LXWXH)
TA-500	H2S SCAVENGER TANK	-
TA-801	DRAIN PIT	-
TA-803	SETTLING PIT	-
FD-350	FLARE	-
FA-147A/B	BASKET FILTERS	-
FA-148A/B	BASKET FILTERS	-
FA-157A/B	BASKET FILTERS	-
FA-158A/B	BASKET FILTERS	-

GENERAL NOTES

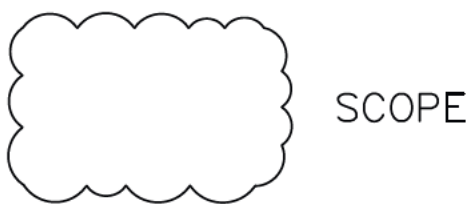
- DIMENSIONS ARE IN mm U.N.O.
- PUMPS LOCATION ARE BASED ON ϕ OF DISCHARGE NOZZLE.
- ONE EXISTING LOADING STATION WILL BE CONVERTED TO UNLOADING FOR TA-400 TANK ONLY (MARKED WITH REVISION CLOUD)

REFERENCE DRAWINGS

-

HOLDS:

-



1	24-04-2025	FOR PERMIT		NM	MV
REV.	DATE	DESCRIPTION		DRWN	CHK'D

LOCATION:	EESVEEN	VERMILION ENERGY
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WELLS:	
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TITLE:
LAYOUT ESV FOR PERMIT
SOUR GAS TREATMENT AND WELLS ESV-03 & ESV-04

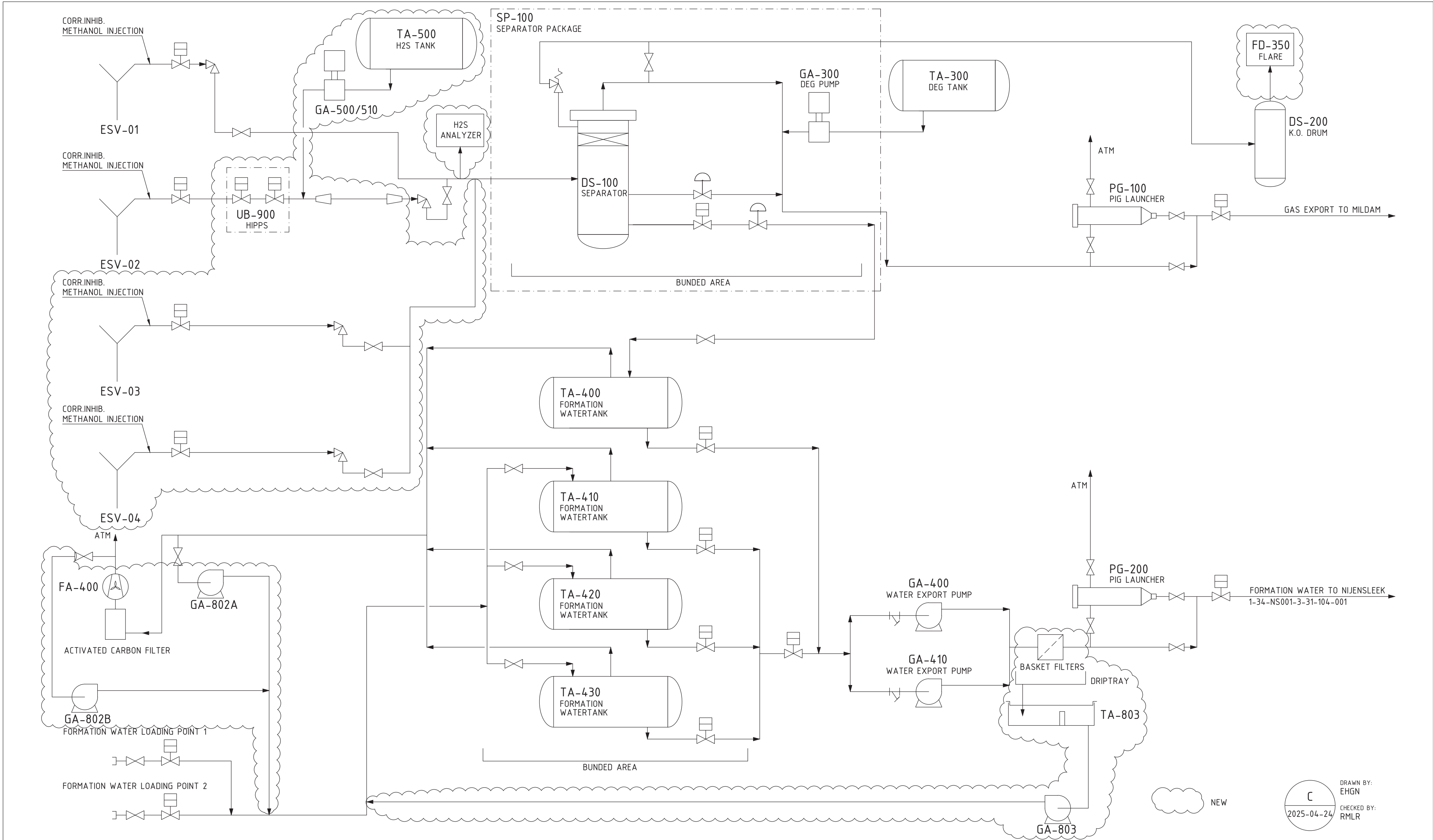
REF. No.:	OG16110-VER-ESVN-DW-0301	CAD No.:	
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SCALE:	SIZE	DRAWING NUMBER:	SHEET:
1:250	A1	1-34-ESV001-4-32-001-001	001



BILFINGER

Bijlage 2. PFD



GENERAL NOTES						HOLDS						LOCATION: WELLSITE EESVEEN									
1- METHANOL INJECTION DURING START-UP AND LONG TERM PRODUCTION												WELLS: ESV-01 / HVE-01									
												TITLE: PROCESS FLOW DIAGRAM									



BILFINGER

Bijlage 3. Individual Risk Ranking Report

Group Name	Group Type
1	Combination

Risk Ranking Point Name	RRP East [m]	RRP North [m]
Zuid	207149,11	537209,94

Building Type Name	Risk Total [(Avg/Year)]
Indoor vulnerability	7,03971E-07

Model Name	Location Index	Model East [m]	Model North [m]	Model Frequency (/Avg/Year)	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Eesveen-1Apparaten/DS-100/Long Pipeline G1 DS-100 break D O/Long Pipeline Breach G1 DS-100 break D O	1	207115,1	537257,7	2E-07	1,39742E-09	0,19895995	0,009987124
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1,39742E-09	100	0,021529612	
		207115,1	537257,7	2E-07	3,41444E-08	4,85024998	0,170721833
Eesveen-1Apparaten/DS-100/Long Pipeline G1 DS-100 break U O/Long Pipeline Breach G1 DS-100 break U O	1	207115,1	537257,7	2E-07	4,85024998	0,170721833	
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		3,41444E-08	100	0,170721833	
		207115,1	537257,7	4,8E-06	6,03417E-07	85,7161671	0,125711913
Eesveen-1Apparaten/DS-100/Long Pipeline G1 DS-100 break U V/Long Pipeline Breach G1 DS-100 break U V	1	207115,1	537257,7	4,8E-06	85,7161671	0,125711913	
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		6,03417E-07	100	0,125711913	
		207110,5	537258,6	7,64001E-10	1,31420E-10	0,0186926	0,172023741
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (4 inch) (gezamenlijk 4 putten)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	1	207110,5	537258,6	7,64001E-10	0,0186926	0,172023741	
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1,31420E-10	100	0,172023741	
		207108	537267,5	7,64001E-10	1,31206E-10	0,01863799	0,17135616
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (4 inch) (gezamenlijk 4 putten)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	2	207108	537267,5	7,64001E-10	0,01863799	0,17135616	
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1,31206E-10	100	0,171735818	
		207110,5	537258,6	1,83497E-08	1,90736E-09	0,27094222	0,103945012
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (4 inch) (gezamenlijk 4 putten)/Long Pipeline L1 Flowline break U V/Long Pipeline Breach L1 Flowline break U V	1	207110,5	537258,6	1,83497E-08	0,27094222	0,103945012	
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1,90736E-09	100	0,103945002	
		207108	537257,5	1,83497E-08	1,83165E-09	0,28018854	0,099819441
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (4 inch) (gezamenlijk 4 putten)/Long Pipeline L1 Flowline break U V/Long Pipeline Breach L1 Flowline break U V	2	207108	537257,5	1,83497E-08	0,28018854	0,099819441	
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1,83165E-09	100	0,099819432	
		207098,9	537298,2	9,18566E-10	6,63302E-12	0,00094223	0,007221062
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (ESV-1)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	14	207098,9	537298,2	9,18566E-10	6,63302E-12	0,00094223	0,007221062
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		6,63302E-12	100	0,02224725	
		207102,7	537242,7	9,18566E-10	1,36751E-11	0,00194257	0,014887445
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (ESV-1)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	15	207102,7	537242,7	9,18566E-10	1,36751E-11	0,00194257	0,014887445
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1,36751E-11	100	0,045866687	
		207106,5	537248,2	9,18566E-10	2,49948E-11	0,00355054	0,027210653
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (ESV-1)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	16	207106,5	537248,2	9,18566E-10	2,49948E-11	0,00355054	0,027210653
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		2,49948E-11	100	0,045866678	
		207110,2	537249,7	9,18566E-10	2,90787E-11	0,00413066	0,031656599
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (ESV-1)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	17	207110,2	537249,7	9,18566E-10	2,90787E-11	0,00413066	0,031656599
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		2,90787E-11	100	0,047546207	
		207110,4	537253,2	9,18566E-10	7,06808E-12	0,00100403	0,007694689
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (ESV-1)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	18	207110,4	537253,2	9,18566E-10	7,06808E-12	0,00100403	0,007694689
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		7,06808E-12	100	0,023770646	
		207106,7	537256,8	6,59696E-10	6,72867E-11	0,01239918	0,132313453
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (gezamenlijk ESV-3 en ESV-4)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	1	207106,7	537256,8	6,59696E-10	6,72867E-11	0,01239918	0,132313453
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		6,72867E-11	100	0,132313453	
		207107,5	537258,1	6,59696E-10	8,62001E-11	0,01225336	0,13075735
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (gezamenlijk ESV-3 en ESV-4)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	2	207107,5	537258,1	6,59696E-10	8,62001E-11	0,01225336	0,13075735
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		8,62001E-11	100	0,13075735	
		207108,3	537259,5	6,59696E-10	8,48819E-11	0,01205757	0,128668091
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (gezamenlijk ESV-3 en ESV-4)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	3	207108,3	537259,5	6,59696E-10	8,48819E-11	0,01205757	0,128668091
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		8,48819E-11	100	0,128668091	
		207109,6	537261,3	6,59696E-10	8,33182E-11	0,01183546	0,12629786
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (gezamenlijk ESV-3 en ESV-4)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	4	207109,6	537261,3	6,59696E-10	8,33182E-11	0,01183546	0,12629786
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		8,33182E-11	100	0,12629786	
		207112,8	537264,3	6,59696E-10	8,20452E-11	0,01185462	0,124368177
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (gezamenlijk ESV-3 en ESV-4)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	5	207112,8	537264,3	6,59696E-10	8,20452E-11	0,01185462	0,124368177
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		8,20452E-11	100	0,124368177	
		207115,9	537267,2	6,59696E-10	8,00651E-11	0,01137334	0,121366573
Eesveen-1Flowlines/Flowlines/Flowlines/Model Group (gezamenlijk ESV-3 en ESV-4)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	6	207115,9	537267,2	6,59696E-10	8,00651E-11	0,01137334	0,121366573
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		8,00651E-11	100	0,121366573	
		207108,5	537247,9	1,459995E-09	4,72157E-11	0,00670705	0,032340632
Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Above/Long Pipeline NSL break D O/Long Pipeline Breach NSL break D O	1	207108,5	537247,9	1,459995E-09	4,72157E-11	0,00670705	0,032340632
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		4,72157E-11	100	0,048573583	
		207110,5	537253,7	9,15914E-10	8,05668E-12	0,00114446	0,008796335
Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Above/Long Pipeline NSL break D O/Long Pipeline Breach NSL break D O	5	207110,5	537253,7	9,15914E-10	8,05668E-12	0,00114446	0,008796335
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		8,05668E-12	100	0,027100004	
		207110,7	537249,5	9,15914E-10	3,4411E-11	0,00488613	0,037570153
Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Above/Long Pipeline NSL break D O/Long Pipeline Breach NSL break D O	6	207110,7	537249,5	9,15914E-10	3,4411E-11	0,00488613	0,037570153
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		3,4411E-11	100	0,050248376	
		207107,5	537248,9	9,15914E-10	1,45005E-11	0,00209881	0,015831717
Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Above/Long Pipeline NSL break D O/Long Pipeline Breach NSL break D O	7	207107,5	537248,9	9,15914E-10	1,45005E-11	0,00209881	0,015831717
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1,45005E-11	100	0,048775801	
		207108,5	537247,9	1,459995E-09	2,44348E-10	0,03470993	0,167367438
Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Above/Long Pipeline NSL break U O/Long Pipeline Breach NSL break U O	1	207108,5	537247,9	1,459995E-09	2,44348E-10	0,03470993	0,167367438
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		2,44348E-10	100	0,167367451	
		207114,6	537261,6	9,15914E-10	1,58240E-10	0,02247305	0,172727822
Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Above/Long Pipeline NSL break U O/Long Pipeline Breach NSL break U O	2	207114,6	537261,6	9,15914E-10	1,58240E-10	0,02247305	0,172727822
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1,58240E-10	100	0,172727832	
		207112,8	537260,4	9,15914E-10	1,58213E-10	0,02247439	0,172738129
Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Above/Long Pipeline NSL break U O/Long Pipeline Breach NSL break U O	3	207112,8	537260,4	9,15914E-10	1,58213E-10	0,02247439	0,172738129
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1,58213E-10	100	0,17273814	
		207109,8	537257,5	9,15914E-10	1,58091E-10	0,02245702	0,172604648
Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Above/Long Pipeline NSL break U O/Long Pipeline Breach NSL break U O	4	207109,8	537257,5	9,15914E-10	1,58091E-10	0,02245702	0,172604648
		Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	

5	Continuous release No rainout Immediate Horizontal Jet fire Only	207110.5	1.58091E-10	100	0.172604658		
	Outcome Type Description		537253.7	9.15941E-10	1.56191E-10	0.02218717	0.170530607
	Continuous release No rainout Immediate Horizontal Jet fire Only						
6	Continuous release No rainout Immediate Horizontal Jet fire Only	207110.7	1.56191E-10	100	0.170530618		
	Outcome Type Description		537249.5	9.15941E-10	1.52613E-10	0.02167887	0.166623828
	Continuous release No rainout Immediate Horizontal Jet fire Only						
7	Continuous release No rainout Immediate Horizontal Jet fire Only	207107.5	1.52613E-10	100	0.166623838		
	Outcome Type Description		537248.9	9.15941E-10	1.54986E-10	0.022016	0.169214935
	Continuous release No rainout Immediate Horizontal Jet fire Only						
1	Continuous release No rainout Immediate Horizontal Jet fire Only	207108.5	1.54986E-10	100	0.169214945		
	Outcome Type Description		537247.9	3.50649E-08	4.80516E-09	0.68257909	0.137063696
	Continuous release No rainout Immediate Horizontal Jet fire Only						
2	Continuous release No rainout Immediate Horizontal Jet fire Only	207114.6	4.80516E-09	100	0.137063696		
	Outcome Type Description		537261.6	2.19983E-08	2.41277E-09	0.34273711	0.109679955
	Continuous release No rainout Immediate Horizontal Jet fire Only						
3	Continuous release No rainout Immediate Horizontal Jet fire Only	207112.8	2.41277E-09	100	0.109679973		
	Outcome Type Description		537260.4	2.19983E-08	2.40752E-09	0.34204849	0.109455888
	Continuous release No rainout Immediate Horizontal Jet fire Only						
4	Continuous release No rainout Immediate Horizontal Jet fire Only	207109.8	2.40752E-09	100	0.109459606		
	Outcome Type Description		537257.5	2.19983E-08	2.45946E-09	0.34937002	0.111802565
	Continuous release No rainout Immediate Horizontal Jet fire Only						
5	Continuous release No rainout Immediate Horizontal Jet fire Only	207110.5	2.45946E-09	100	0.111802583		
	Outcome Type Description		537253.7	2.19983E-08	2.78632E-09	0.39579999	0.126660708
	Continuous release No rainout Immediate Horizontal Jet fire Only						
6	Continuous release No rainout Immediate Horizontal Jet fire Only	207110.7	2.78632E-09	100	0.126660729		
	Outcome Type Description		537249.5	2.19983E-08	3.05244E-09	0.43606225	0.138757881
	Continuous release No rainout Immediate Horizontal Jet fire Only						
7	Continuous release No rainout Immediate Horizontal Jet fire Only	207107.5	3.05244E-09	100	0.138757904		
	Outcome Type Description		537248.9	2.19983E-08	2.90276E-09	0.41234332	0.131954772
	Continuous release No rainout Immediate Horizontal Jet fire Only						
1	Continuous release No rainout Immediate Horizontal Jet fire Only	207112.1	2.90276E-09	100	0.131954793		
	Outcome Type Description		537244.1	1.12101E-09	2.78953E-10	0.03962706	0.248850386
	Continuous release No rainout Immediate Horizontal Jet fire Only						
2	Continuous release No rainout Immediate Horizontal Jet fire Only	207114.8	2.78953E-10	100	0.047214776		
	Outcome Type Description		537341.2	1.12101E-09	3.07181E-10	0.0436354	0.274022051
	Continuous release No rainout Immediate Horizontal Jet fire Only						
3	Continuous release No rainout Immediate Horizontal Jet fire Only	207118	3.07181E-10	100	0.060044609		
	Outcome Type Description		537341.5	1.12101E-09	3.17254E-10	0.05496054	0.283008077
	Continuous release No rainout Immediate Horizontal Jet fire Only						
4	Continuous release No rainout Immediate Horizontal Jet fire Only	207121.9	3.17254E-10	100	0.060085349		
	Outcome Type Description		537245.1	1.12101E-09	3.03842E-10	0.04316121	0.271044209
	Continuous release No rainout Immediate Horizontal Jet fire Only						
5	Continuous release No rainout Immediate Horizontal Jet fire Only	207125.7	3.03842E-10	100	0.0600868202		
	Outcome Type Description		537248.6	1.12101E-09	2.86953E-10	0.04079822	0.255690151
	Continuous release No rainout Immediate Horizontal Jet fire Only						
6	Continuous release No rainout Immediate Horizontal Jet fire Only	207129.5	2.86953E-10	100	0.044585223		
	Outcome Type Description		537282.2	1.12101E-09	2.67096E-10	0.03801407	0.238721154
	Continuous release No rainout Immediate Horizontal Jet fire Only						
7	Continuous release No rainout Immediate Horizontal Jet fire Only	207133.3	2.67096E-10	100	0.044585223		
	Outcome Type Description		537255.7	1.12101E-09	2.46604E-10	0.03503037	0.219984053
	Continuous release No rainout Immediate Horizontal Jet fire Only						
8	Continuous release No rainout Immediate Horizontal Jet fire Only	207137.1	2.46604E-10	100	0.042477546		
	Outcome Type Description		537259.3	1.12101E-09	2.24516E-10	0.0319828	0.200289707
	Continuous release No rainout Immediate Horizontal Jet fire Only						
9	Continuous release No rainout Immediate Horizontal Jet fire Only	207140.9	2.24516E-10	100	0.042477546		
	Outcome Type Description		537262.8	1.12101E-09	2.02695E-10	0.02287878	0.180789067
	Continuous release No rainout Immediate Horizontal Jet fire Only						
10	Continuous release No rainout Immediate Horizontal Jet fire Only	207144.8	2.02695E-10	100	0.042477546		
	Outcome Type Description		537266.4	1.12101E-09	1.81202E-10	0.02574001	0.161642395
	Continuous release No rainout Immediate Horizontal Jet fire Only						
11	Continuous release No rainout Immediate Horizontal Jet fire Only	207148.6	1.81202E-10	100	0.039042308		
	Outcome Type Description		537269.9	1.12101E-09	1.6087E-10	0.02285182	0.143505061
	Continuous release No rainout Immediate Horizontal Jet fire Only						
12	Continuous release No rainout Immediate Horizontal Jet fire Only	207152.4	1.6087E-10	100	0.032455536		
	Outcome Type Description		537273.4	1.12101E-09	1.41187E-10	0.02005578	0.125946508
	Continuous release No rainout Immediate Horizontal Jet fire Only						
1	Continuous release No rainout Immediate Horizontal Jet fire Only	207112.1	1.41187E-10	100	0.030519437		
	Outcome Type Description		537244.1	2.69242E-08	3.60251E-09	0.51174103	0.133801956
	Continuous release No rainout Immediate Horizontal Jet fire Only						
2	Continuous release No rainout Immediate Horizontal Jet fire Only	207114.8	3.60251E-09	100	0.037729708		
	Outcome Type Description		537241.2	2.69242E-08	4.32625E-09	0.61545491	0.160682797
	Continuous release No rainout Immediate Horizontal Jet fire Only						
3	Continuous release No rainout Immediate Horizontal Jet fire Only	207118	4.32625E-09	100	0.028514897		
	Outcome Type Description		537241.5	2.69242E-08	4.56347E-09	0.64824622	0.169403176
	Continuous release No rainout Immediate Horizontal Jet fire Only						
4	Continuous release No rainout Immediate Horizontal Jet fire Only	207121.9	4.56347E-09	100	0.043932811		
	Outcome Type Description		537245.1	2.69242E-08	4.79822E-09	0.60795432	0.158954286
	Continuous release No rainout Immediate Horizontal Jet fire Only						
5	Continuous release No rainout Immediate Horizontal Jet fire Only	207125.7	4.79822E-09	100	0.020248385		
	Outcome Type Description		537248.6	2.69242E-08	3.91574E-09	0.55623565	0.145435706
	Continuous release No rainout Immediate Horizontal Jet fire Only						
6	Continuous release No rainout Immediate Horizontal Jet fire Only	207129.5	3.91574E-09	100	0.04717052		
	Outcome Type Description		537252.2	2.69242E-08	3.49186E-09	0.49602365	0.129892425
	Continuous release No rainout Immediate Horizontal Jet fire Only						
	Outcome Type Description		3.49186E-09	100	0.030031642		

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Outdoor vulnerability1,11103E-06

		207133,3	537255,7	2,69242E-08	3,02009E-09	0,42900812	0,112170262
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only		3,02009E-09		100	0,90854374		
8		207137,1	537259,3	2,69242E-08	2,51067E-09	0,35664367	0,093249629
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only		2,51067E-09		100	0,924415201		
9		207140,9	537262,8	2,69242E-08	1,85165E-09	0,26302933	0,068772751
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only		1,85165E-09		100	0,899611288		
10		207144,8	537266,4	2,69242E-08	1,51886E-09	0,21575643	0,056412583
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only		1,51886E-09		100	0,921384775		
11		207148,6	537269,9	2,69242E-08	1,28033E-09	0,18187292	0,047553256
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only		1,28033E-09		100	0,898939365		
12		207152,4	537273,4	2,69242E-08	1,03156E-09	0,14653483	0,038313612
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only		1,03156E-09		100	0,924620061		
Model East [m]							
1		207115,1	537257,7	2E-07	1,64962E-08	1,48503533	0,082496163
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,64962E-08		100	0,082496163		
1		207115,1	537257,7	2E-07	4,61999E-08	4,15828602	0,23099965
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		4,61999E-08		100	0,23099965		
1		207115,1	537257,7	4,8E-06	8,89148E-07	80,0289012	0,185239059
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		8,89148E-07		100	0,185239059		
1		207110,5	537258,6	7,64001E-10	2,40438E-12	0,00021841	0,003147085
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		2,40438E-12		100	0,003147085		
2		207108	537257,5	7,64001E-10	1,42393E-12	0,00012865	0,001870912
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,42393E-12		100	0,00250218		
1		207110,5	537258,6	7,64001E-10	1,75086E-10	0,01575727	0,229146984
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,75086E-10		100	0,229146984		
2		207108	537257,5	7,64001E-10	1,74775E-10	0,01573082	0,228762385
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,74775E-10		100	0,228762385		
1		207110,5	537258,6	1,83497E-08	3,04889E-09	0,27441902	0,106154919
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		3,04889E-09		100	0,166154903		
2		207108	537257,5	1,83497E-08	2,98855E-09	0,26898873	0,102860994
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		2,98855E-09		100	0,162866978		
12		207091,3	537232,3	9,18566E-10	3,13658E-12	0,00028231	0,003414647
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		3,13658E-12		100	0,003414647		
13		207095,1	537235,7	9,18566E-10	8,75142E-12	0,00078768	0,009527258
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		8,75142E-12		100	0,009527258		
14		207098,9	537239,2	9,18566E-10	1,98846E-11	0,00177174	0,021429665
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,98846E-11		100	0,021429665		
15		207102,7	537242,7	9,18566E-10	3,01439E-11	0,00271315	0,032816301
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		3,01439E-11		100	0,032816301		
16		207106,5	537246,2	9,18566E-10	3,9433E-11	0,00354922	0,042928908
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		3,9433E-11		100	0,042928908		
17		207110,2	537249,7	9,18566E-10	4,40377E-11	0,00396368	0,047941835
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		4,40377E-11		100	0,047941835		
18		207110,4	537253,2	9,18566E-10	2,00691E-11	0,00180905	0,021880953
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		2,00691E-11		100	0,021880953		
19		207108,2	537254,6	9,18566E-10	6,2002E-12	0,00055806	0,006748665
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		6,2002E-12		100	0,006748665		
20		207106,9	537255	9,18566E-10	3,43772E-12	0,00030942	0,003742481
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		3,43772E-12		100	0,003742481		
10		207083,8	537225,3	9,18566E-10	3,91942E-12	0,00035277	0,00426689
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		3,91942E-12		100	0,00426689		
11		207087,6	537228,8	9,18566E-10	1,55043E-11	0,00139549	0,016878827
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,55043E-11		100	0,016878827		
12		207091,3	537232,3	9,18566E-10	3,39963E-11	0,00306006	0,037012345
Outcome Type Description							
		Total Risk (/AvgxYear)		Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		3,39963E-11		100	0,037012345		
13		207095,1	537235,7	9,18566E-10	5,76392E-11	0,00518789	0,06270428

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Eesveen-1'Flowlines/Flowlines/Flowlines/Model Group (ESV-1)'Long Pipeline L1 Flowline break U O'Long Pipeline Breach L1 Flowline break U O

Eesveen-1'Flowlines/Flowlines/Flowlines/Model Group (ESV-1)'Long Pipeline L1 Flowline break U O'Long Pipeline Breach L1 Flowline break U O

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Eesveen-1'Flowlines/Flowlines/Flowlines/Model Group (ESV-2 derde stuk)'Long Pipeline L1 Flowline break U O'Long Pipeline Breach L1 Flowline break U O

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Eesveen-1'Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)'Long Pipeline L1 Flowline break U O'Long Pipeline Breach L1 Flowline break U O

Eesveen-1'Flowlines/Flowlines/Flowlines/Model Group (ESV-3)'Long Pipeline L1 Flowline break U O'Long Pipeline Breach L1 Flowline break U O

Eesveen-1'Flowlines/Flowlines/Flowlines/Model Group (ESV-4)'Long Pipeline L1 Flowline break U O'Long Pipeline Breach L1 Flowline break U O

Eesveen-1'Flowlines/Flowlines/Flowlines/Model Group (ESV-4)'Long Pipeline L1 Flowline break U O'Long Pipeline Breach L1 Flowline break U O

Eesveen-1'Flowlines/Flowlines/Flowlines/Model Group (gezamenlijk ESV-3 en ESV-4)'Long Pipeline L1 Flowline break D O'Long Pipeline Breach L1 Flowline break D O

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Eesveen-1'Flowlines/Flowlines/Flowlines/Model Group (gezamenlijk ESV-3 en ESV-4)'Long Pipeline L1 Flowline break U V'Long Pipeline Breach L1 Flowline break U V

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Eesveen-1'Flowlines/Flowlines/Flowlines/Model Group (gezamenlijk ESV-3 en ESV-4)'Long Pipeline L1 Flowline break U V'Long Pipeline Breach L1 Flowline break U V

Eesveen-1'Leidingen/Export leiding/Export leiding/Model Group Above'Long Pipeline NSL break D O'Long Pipeline Breach NSL break D O

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Eesveen-1'Leidingen/Export leiding/Export leiding/Model Group Above'Long Pipeline NSL break D O'Long Pipeline Breach NSL break D O

Eesveen-1'Leidingen/Export leiding/Export leiding/Model Group Above'Long Pipeline NSL break D O'Long Pipeline Breach NSL break D O

	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
14	Continuous release No rainout Immediate Horizontal Jet fire Only	5,76392E-11	100	0,06274908	0,00693095
		537239,2	9,18566E-10	7,70051E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
15	Continuous release No rainout Immediate Horizontal Jet fire Only	7,70051E-11	100	0,083831833	0,00825442
		537242,7	9,18566E-10	9,178936E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
16	Continuous release No rainout Immediate Horizontal Jet fire Only	9,178936E-11	100	0,099839658	0,00904032
		537246,2	9,18566E-10	1,00441E-10	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
17	Continuous release No rainout Immediate Horizontal Jet fire Only	1,00441E-10	100	0,109345297	0,00936226
		537248,7	9,18566E-10	1,04018E-10	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
18	Continuous release No rainout Immediate Horizontal Jet fire Only	1,04018E-10	100	0,113229324	0,00698165
		537253,2	9,18566E-10	7,75685E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
19	Continuous release No rainout Immediate Horizontal Jet fire Only	7,75685E-11	100	0,08444518	0,00445838
		537254,6	9,18566E-10	4,9534E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
20	Continuous release No rainout Immediate Horizontal Jet fire Only	4,9534E-11	100	0,053925393	0,00327956
		537255	9,18566E-10	3,6437E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	3,6437E-11	100	0,03967217	0,00197199
		537257,9	1,29113E-09	1,19101E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,19101E-11	100	0,009224589	5,2182E-05
		537258,8	8,62264E-10	8,7978E-13	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	5,7979E-13	100	0,000715103	1,008E-05
		537258,8	8,62264E-10	1,11594E-13	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,11994E-13	100	0,000715103	6,7585E-05
		537270,7	7,58875E-10	7,5888E-10	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	7,5888E-10	100	0,002195488	0,00030481
		537270,2	8,19296E-10	3,38657E-12	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	3,38657E-12	100	0,004133513	0,00015981
		537273,3	8,19296E-10	1,7759E-12	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,7759E-12	100	0,002715955	6,8182E-05
		537258,8	6,59696E-10	7,7309E-13	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	7,7309E-13	100	0,003724367	3,4299E-05
		537258,1	6,59696E-10	3,81073E-13	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	3,81073E-13	100	0,001779677	0,01132248
		537258,8	6,59696E-10	1,25796E-10	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	1,25796E-10	100	0,190688499	0,01124153
		537258,1	6,59696E-10	1,24897E-10	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,24897E-10	100	0,189325161	0,01113877
		537259,5	6,59696E-10	1,23755E-10	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,23755E-10	100	0,187594488	0,01102258
		537261,3	6,59696E-10	1,22465E-10	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,22465E-10	100	0,185637762	0,0109267
		537264,3	6,59696E-10	1,21399E-10	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,21399E-10	100	0,1840229	0,01077247
		537267,2	6,59696E-10	1,19686E-10	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,19686E-10	100	0,181425415	0,00241568
		537259,5	1,58445E-08	2,6839E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	2,6839E-11	100	0,002122801	0,001131
		537258,1	1,58445E-08	1,25657E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,25657E-11	100	0,001758246	0,00022556
		537259,5	1,58445E-08	2,56004E-12	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	2,56004E-12	100	0,000872028	0,01539696
		537247,9	1,459995E-09	1,71005E-10	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	1,71005E-10	100	0,117172116	0,00323076
		537261,8	9,15914E-10	3,58949E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	3,58949E-11	100	0,039190219	0,00329152
		537260,4	9,15914E-10	3,45489E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	3,45489E-11	100	0,03874189	0,00355264
		537257,5	9,15914E-10	3,9471E-11	
	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	

Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Above/Long Pipeline NSL break D O/Long Pipeline Breach NSL break D O

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Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Below/Long Pipeline NSL break O/Long Pipeline Breach NSL break O/

Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Below/Long Pipeline NSL break O/Long Pipeline Breach NSL break O/

Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Below/Long Pipeline NSL break O/Long Pipeline Breach NSL break O/

Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Below/Long Pipeline NSL break O/Long Pipeline Breach NSL break O/

Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Below/Long Pipeline NSL break O/Long Pipeline Breach NSL break O/

Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Below/Long Pipeline NSL break O/Long Pipeline Breach NSL break O/

Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Below/Long Pipeline NSL break O/Long Pipeline Breach NSL break O/

Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Below/Long Pipeline NSL break O/Long Pipeline Breach NSL break O/

Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Below/Long Pipeline NSL break O/Long Pipeline Breach NSL break O/

Eesveen-1Leidingen/Export leiding/Export leiding/Model Group Below/Long Pipeline NSL break O/Long Pipeline Breach NSL break O/

		Continuous release No rainout Immediate Horizontal Jet fire Only	3,9471E-11	100	0,04309463		
5	207110,5	537253,7		9,15914E-10	7,79275E-11	0,00701397	0,085081729
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			7,79275E-11	100	0,085081735		
6	207110,7	537248,5		9,15914E-10	1,11779E-10	0,01000681	0,12204094
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			1,11779E-10	100	0,122040948		
7	207107,5	537248,9		9,15914E-10	9,20255E-11	0,00828288	0,100473967
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			9,20255E-11	100	0,100473974		
1	207108,5	537247,9		1,45995E-09	3,34882E-10	0,03014153	0,229379476
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			3,34882E-10	100	0,229379493		
2	207114,6	537261,6		9,15914E-10	2,12063E-10	0,01908699	0,231531374
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			2,12063E-10	100	0,231531389		
3	207112,8	537260,4		9,15914E-10	2,12086E-10	0,01908676	0,231528529
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			2,12086E-10	100	0,231528543		
4	207109,8	537257,5		9,15914E-10	2,12081E-10	0,01908863	0,231551256
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			2,12081E-10	100	0,23155127		
5	207110,5	537253,7		9,15914E-10	2,11499E-10	0,01903628	0,230916258
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			2,11499E-10	100	0,230916272		
6	207110,7	537248,5		9,15914E-10	2,09746E-10	0,01887843	0,229001455
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			2,09746E-10	100	0,229001469		
7	207107,5	537248,9		9,15914E-10	2,10931E-10	0,01898515	0,230295696
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			2,10931E-10	100	0,230296		
1	207108,5	537247,9		3,50649E-08	6,83063E-09	0,61507025	0,104885576
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			6,83383E-09	100	0,104885576		
2	207114,6	537261,6		2,19983E-08	3,77987E-09	0,34021249	0,171825817
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			3,77987E-09	100	0,171825844		
3	207112,8	537260,4		2,19983E-08	3,77577E-09	0,330843	0,171638205
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			3,77577E-09	100	0,171638232		
4	207109,8	537257,5		2,19983E-08	3,81894E-09	0,34372855	0,173601616
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			3,81894E-09	100	0,173602344		
5	207110,5	537253,7		2,19983E-08	4,09242E-09	0,36834342	0,186033463
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			4,09242E-09	100	0,186033463		
6	207110,7	537248,5		2,19983E-08	4,31875E-09	0,38871492	0,196322181
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			4,31875E-09	100	0,196322212		
7	207107,5	537248,9		2,19983E-08	4,19138E-09	0,37725096	0,190532257
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only			4,19138E-09	100	0,190532288		
1	207112,1	537244,1		1,12101E-09	6,84565E-10	0,06161518	0,610609506
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			6,84565E-10	100	0,610609588		
2	207114,8	537241,2		1,12101E-09	7,5188E-10	0,06787219	0,670700662
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			7,5188E-10	100	0,670700861		
3	207118	537241,5		1,12101E-09	7,82946E-10	0,07047006	0,698430475
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			7,82946E-10	100	0,698430683		
4	207121,9	537245,1		1,12101E-09	7,74327E-10	0,06960429	0,690741761
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			7,74327E-10	100	0,690741966		
5	207125,7	537248,6		1,12101E-09	7,57108E-10	0,06814449	0,675381668
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			7,57108E-10	100	0,675381869		
6	207129,5	537252,2		1,12101E-09	7,25991E-10	0,06534381	0,647624074
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			7,25991E-10	100	0,647624267		
7	207133,3	537255,7		1,12101E-09	6,87425E-10	0,06187256	0,613220461
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			6,87425E-10	100	0,613220644		
8	207137,1	537259,3		1,12101E-09	6,35847E-10	0,05723029	0,567210819
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			6,35847E-10	100	0,567210987		
9	207140,9	537262,8		1,12101E-09	5,88885E-10	0,0530034	0,525318001
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			5,88885E-10	100	0,525318157		
10	207144,8	537266,4		1,12101E-09	5,58813E-10	0,0502967	0,49849177
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			5,58813E-10	100	0,498491918		
11	207148,6	537269,9		1,12101E-09	5,27695E-10	0,04749585	0,470732501
Outcome Type Description			Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Vertical Jet fire Only			5,27695E-10	100	0,470732684		

Noord	207085	537302,06
	Building Type Name	Risk Total (/AveYear)
	Indoor vulnerability	7,95162E-07

Model Name	Location Index	Model East [m]	Model North [m]	Model Frequency [Ave/Year]	Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 break D O\Long Pipeline Branch G1 DS-100 break D O	1	207115.1	537257.7	2E-07	1.13531E-08	1.42776926	0.056765419
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1.13531E-08	100	0.056765419	
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 break U O\Long Pipeline Branch G1 DS-100 break U O	1	207115.1	537257.7	2E-07	3.28373E-08	4.1296303	0.16418633
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		3.28373E-08	100	0.16418633	
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 break U V\Long Pipeline Branch G1 DS-100 break U V	1	207115.1	537257.7	4.8E-06	6.8878E-07	86.821346	0.143495902
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		6.8878E-07	100	0.143495902	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gezamenlijk 4 putten)\Long Pipeline L1 Flowline break D O\Long Pipeline Branch L1 Flowline break D O	1	207110.5	537258.6	7.64001E-10	2.71122E-11	0.00340964	0.035487149
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		2.71122E-11	100	0.04746056	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gezamenlijk 4 putten)\Long Pipeline L1 Flowline break D O\Long Pipeline Branch L1 Flowline break D O	2	207108	537257.5	7.64001E-10	2.9398E-11	0.00369711	0.03847904
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		2.9398E-11	100	0.051461918	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gezamenlijk 4 putten)\Long Pipeline L1 Flowline break U O\Long Pipeline Branch L1 Flowline break U O	1	207110.5	537258.6	7.64001E-10	1.26453E-10	0.01590275	0.165513829
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1.26453E-10	100	0.165513829	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gezamenlijk 4 putten)\Long Pipeline L1 Flowline break U O\Long Pipeline Branch L1 Flowline break U O	2	207108	537257.5	7.64001E-10	1.26162E-10	0.01586619	0.165133303
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1.26162E-10	100	0.165133303	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gezamenlijk 4 putten)\Long Pipeline L1 Flowline break U V\Long Pipeline Branch L1 Flowline break U V	1	207110.5	537258.6	1.83497E-08	2.7356E-09	0.34395517	0.149409217
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		2.7356E-09	100	0.149409202	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gezamenlijk 4 putten)\Long Pipeline L1 Flowline break U V\Long Pipeline Branch L1 Flowline break U V	2	207108	537257.5	1.83497E-08	2.74545E-09	0.34520864	0.149618826
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		2.74545E-09	100	0.149618811	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Branch L1 Flowline break D O	19	207108.2	537254.6	9.18566E-10	9.10843E-12	0.00114548	0.000915918
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		9.10843E-12	100	0.030549024	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Branch L1 Flowline break D O	20	207106.9	537255	9.18566E-10	1.35398E-11	0.0017024	0.014736912
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		1.35398E-11	100	0.045402912	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Branch L1 Flowline break U O	17	207110.2	537249.7	9.18566E-10	6.24378E-12	0.00078522	0.006797311
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		6.24378E-12	100	0.02094187	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Branch L1 Flowline break U O	18	207110.4	537253.2	9.18566E-10	3.56418E-11	0.00448223	0.038801575
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		3.56418E-11	100	0.051893283	
Eesveen-1\Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Branch L1 Flowline break U O	19	207108.2	537254.6	9.18566E-10	6.45313E-11	0.00811548	0.070252155
		Outcome Type Description		Total Risk [Ave/Year]	Pct. Risk	Risk / Outcome	
		Continuous release No rainout Immediate Horizontal Jet fire Only		6.45313E-11	100	0.051893283	

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Continuous release No rainout Immediate Horizontal Jet fire Only 6,45313E-11 100 0,070252155 0,00906944 0,078510121
20 207106,9 537255 9,18566E-10 7,21167E-11

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 7,21167E-11 100 0,078510121
1 207100,3 537262,1 1,29113E-09 1,47265E-10 0,01852267 0,11407477

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,47265E-10 100 0,114074799
2 207104,2 537257,9 1,29113E-09 8,81252E-11 0,01109113 0,068306501

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 8,81025E-11 100 0,068306519
1 207100,3 537262,1 1,29113E-09 1,72729E-10 0,02172248 0,133781324

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,72729E-10 100 0,133781358
2 207104,2 537257,9 1,29113E-09 1,3745E-10 0,01728582 0,106457433

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,3745E-10 100 0,106457461
1 207099,2 537266,6 1,04555E-09 1,45296E-10 0,0187275 0,138966197

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,45296E-10 100 0,138966167
2 207095,7 537267,3 1,04555E-09 1,53342E-10 0,01928434 0,146661387

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,53342E-10 100 0,146661356
3 207092,1 537267,8 1,04555E-09 1,58825E-10 0,01997396 0,151906096

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,58825E-10 100 0,151906064
1 207099,2 537266,6 2,51119E-08 1,21323E-11 0,00152575 0,000483127

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,21322E-11 100 0,002663678
2 207095,7 537267,3 2,51119E-08 6,52789E-10 0,08209508 0,025995252

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 6,52789E-10 100 0,039642221
3 207092,1 537267,8 2,51119E-08 1,46021E-09 0,17632871 0,05563415

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,46021E-09 100 0,055634158
1 207099,2 537266,6 1,04555E-09 1,56126E-10 0,01963477 0,149326516

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,56126E-10 100 0,149326484
2 207095,7 537267,3 1,04555E-09 1,6002E-10 0,02019965 0,153622544

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,6002E-10 100 0,153622512
3 207092,1 537267,8 1,04555E-09 1,63245E-10 0,02052674 0,156132968

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,63245E-10 100 0,156132325
2 207095,7 537267,3 2,51119E-08 7,88366E-10 0,0992736 0,031434797

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 7,88366E-10 100 0,042040945
3 207092,1 537267,8 2,51119E-08 1,55766E-09 0,195892 0,062028831

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,55766E-09 100 0,06202884
1 207092,4 537264,3 8,62264E-10 1,34485E-10 0,0169129 0,155967229

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,34485E-10 100 0,155967219
2 207096,1 537260,3 8,62264E-10 1,17863E-10 0,01482255 0,136690462

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,17863E-10 100 0,136690453
3 207098,5 537258,8 8,62264E-10 1,08278E-10 0,01361714 0,12557444

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,08278E-10 100 0,125574431
4 207097,5 537261,1 8,62264E-10 1,19106E-10 0,01497678 0,138131233

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,19106E-10 100 0,138131224
5 207094,2 537264,7 8,62264E-10 1,34541E-10 0,0169199 0,156031783

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,34541E-10 100 0,156031773
6 207092,9 537267,1 8,62264E-10 1,41193E-10 0,01775652 0,163746933

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,41193E-10 100 0,163746922
7 207095,3 537265,4 8,62264E-10 1,35593E-10 0,01705226 0,157252381

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,35593E-10 100 0,157252371
8 207097,8 537263,8 8,62264E-10 1,28353E-10 0,01614175 0,148855904

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,28353E-10 100 0,148855895
1 207092,4 537264,3 2,07097E-08 3,07583E-10 0,03868183 0,014852108

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 3,07583E-10 100 0,045757823
5 207094,2 537264,7 2,07097E-08 3,09129E-10 0,0388762 0,01492674

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 3,09129E-10 100 0,045987755
6 207092,9 537267,1 2,07097E-08 1,15277E-09 0,14497291 0,055663176

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 1,15277E-09 100 0,055663185
7 207095,3 537265,4 2,07097E-08 4,67621E-10 0,05683335 0,022589399

Outcome Type Description Total Risk (/Avg/Year) Pct. Risk Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only 4,67621E-10 100 0,033927845

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D V
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U V
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U V
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D V
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U V
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D O
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D \O\Long Pipeline Breach L1 Flowline break D V
Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U \O\Long Pipeline Breach L1 Flowline break U O

8	207097,8	537263,8	2,07097E-08	1,697E-11	0,00213415	0,00081942
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,697E-11	100	0,004817802		
1	207092,4	537264,3	8,62264E-10	1,28186E-10	0,01612071	0,148661814
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,28186E-10	100	0,148661805		
2	207096,1	537260,3	8,62264E-10	1,13992E-10	0,01433571	0,132200987
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,13992E-10	100	0,132200979		
3	207098,5	537258,8	8,62264E-10	1,05361E-10	0,01325026	0,122191073
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,05361E-10	100	0,122191065		
4	207097,5	537261,1	8,62264E-10	1,15076E-10	0,01447196	0,133457392
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,15076E-10	100	0,133457383		
5	207094,2	537264,7	8,62264E-10	1,28233E-10	0,01612659	0,148716078
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,28233E-10	100	0,148716068		
6	207092,9	537267,1	8,62264E-10	1,33295E-10	0,01676256	0,154580892
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,33295E-10	100	0,154580883		
7	207095,3	537265,4	8,62264E-10	1,29064E-10	0,01623113	0,149680146
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,29064E-10	100	0,149680136		
8	207097,8	537265,8	8,62264E-10	1,23055E-10	0,01547924	0,142746383
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,23055E-10	100	0,142746374		
6	207092,9	537267,1	2,07097E-08	9,38592E-10	0,11803773	0,45321258
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		9,38592E-10	100	0,045321266		
7	207095,3	537265,4	2,07097E-08	4,72343E-11	0,0059402	0,002280775
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		4,72343E-11	100	0,012574864		
1	207115,6	537270,7	7,56875E-10	8,13133E-11	0,010226	0,10743302
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		8,13133E-11	100	0,10743302		
2	207114,2	537273,3	7,56875E-10	9,44696E-11	0,01188398	0,124851487
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		9,44696E-11	100	0,124851487		
3	207113	537279,8	7,56875E-10	1,04495E-10	0,01314132	0,138060907
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,04495E-10	100	0,138060907		
4	207111,7	537278,1	7,56875E-10	1,12670E-10	0,01416941	0,148861951
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,12670E-10	100	0,148861951		
4	207111,7	537278,1	1,81785E-08	6,52718E-10	0,08208608	0,035906009
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		6,52718E-10	100	0,044997447		
1	207115,6	537270,7	7,56875E-10	9,80509E-11	0,01232791	0,12951535
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		9,80509E-11	100	0,12951535		
2	207114,2	537273,3	7,56875E-10	1,06455E-10	0,01338778	0,140650237
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,06455E-10	100	0,140650237		
3	207113	537275,8	7,56875E-10	1,12622E-10	0,01416334	0,148798152
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,12622E-10	100	0,148798152		
4	207111,7	537278,1	7,56875E-10	1,1708E-10	0,01472408	0,154688247
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,1708E-10	100	0,154688247		
4	207111,7	537278,1	1,81785E-08	8,48666E-10	0,10672863	0,046685127
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		8,48666E-10	100	0,046685122		
1	207119,2	537270,2	8,19296E-10	6,85051E-11	0,000861523	0,083614558
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		6,85051E-11	100	0,083614558		
2	207122,5	537273,3	8,19296E-10	6,43142E-11	0,000808919	0,078499344
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		6,43142E-11	100	0,078499344		
3	207122,3	537277	8,19296E-10	8,11538E-11	0,01020594	0,099053013
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		8,11538E-11	100	0,099053013		
4	207120,8	537279,6	8,19296E-10	9,60484E-11	0,01207909	0,117322785
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		9,60484E-11	100	0,117322785		
5	207119,6	537282	8,19296E-10	1,06552E-10	0,01340009	0,130053652
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,06552E-10	100	0,130053652		
6	207117,7	537283,6	8,19296E-10	1,16246E-10	0,01461921	0,141885709
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,16246E-10	100	0,141885709		
6	207117,7	537283,6	1,96777E-08	1,80263E-10	0,02269699	0,00916077
Outcome Type Description						
		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome		
Continuous release No rainout Immediate Horizontal Jet fire Only		1,80263E-10	100	0,022623393		
1	207119,2	537270,2	8,19296E-10	9,41287E-11	0,01183767	0,1148897

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	9,41237E-11	100	9,2148897	
		207122,5	537273,3	8,19296E-10	9,17037E-11

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	9,17037E-11	100	0,111522681	
		207122,3	537277	8,19296E-10	1,01841E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,01841E-10	100	0,124279077	
		207120,8	537279,6	8,19296E-10	1,11247E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,11247E-10	100	0,135763238	
		207119,6	537282	8,19296E-10	1,17918E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,17918E-10	100	0,143925487	
		207117,7	537283,6	8,19296E-10	1,23694E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,23694E-10	100	0,155976073	
		207117,7	537283,6	1,96777E-08	1,84924E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,84924E-10	100	0,020895303	
		207106,7	537259,8	6,59696E-10	2,52432E-11

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	2,52432E-11	100	0,051179584	
		207107,5	537258,1	6,59696E-10	3,16063E-11

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	3,16063E-11	100	0,000941353	
		207108,3	537259,5	6,59696E-10	4,2364E-11

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	4,2364E-11	100	0,004217474	
		207109,6	537261,3	6,59696E-10	4,98432E-11

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	4,98432E-11	100	0,075554848	
		207112,8	537264,3	6,59696E-10	5,41741E-11

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	5,41741E-11	100	0,002119778	
		207115,9	537267,2	6,59696E-10	5,58448E-11

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	5,58448E-11	100	0,004652336	
		207106,7	537259,8	6,59696E-10	1,07123E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	1,07123E-10	100	0,162382459	
		207107,5	537258,1	6,59696E-10	1,07704E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,07704E-10	100	0,163262964	
		207108,3	537259,5	6,59696E-10	1,08251E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,08251E-10	100	0,164092053	
		207109,6	537261,3	6,59696E-10	1,08908E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,08908E-10	100	0,164769319	
		207112,8	537264,3	6,59696E-10	1,0892E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,0892E-10	100	0,165106267	
		207115,9	537267,2	6,59696E-10	1,09009E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,09009E-10	100	0,165240984	
		207106,7	537259,8	1,58445E-08	6,84351E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	6,84351E-10	100	0,054127909	
		207107,5	537258,1	1,58445E-08	9,34804E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	9,34804E-10	100	0,059898045	
		207108,3	537259,5	1,58445E-08	1,10963E-09

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,10593E-09	100	0,069780246	
		207109,6	537261,3	1,58445E-08	1,25961E-09

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,25961E-09	100	0,075038963	
		207112,8	537264,3	1,58445E-08	1,35366E-09

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,35366E-09	100	0,085319964	
		207115,9	537267,2	1,58445E-08	1,38834E-09

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,38834E-09	100	0,087022669	
		207108,5	537247,9	1,45996E-09	2,71171E-10

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	2,71171E-10	100	0,010240867	
		207114,6	537261,6	9,15914E-10	8,64065E-11

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	8,64065E-11	100	0,004420021	
		207112,8	537260,4	9,15914E-10	8,68497E-11

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	8,68497E-11	100	0,004821294	
		207109,8	537257,5	9,15914E-10	7,97857E-11

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break D O\Long Pipeline Breach NSL break D O

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break D O\Long Pipeline Breach NSL break D O

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break D O\Long Pipeline Breach NSL break D O

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break D O\Long Pipeline Breach NSL break D O

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break D O\Long Pipeline Breach NSL break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	7,97857E-11	100	0,087110939	0,00502327
		537253,7	9,15914E-10	3,99431E-11	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break D O\Long Pipeline Breach NSL break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	3,96431E-11	100	0,058324284	0,00090688
		537248,5	9,15914E-10	7,21114E-12	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break D O\Long Pipeline Breach NSL break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
7	Continuous release No rainout Immediate Horizontal Jet fire Only	7,21114E-12	100	0,024256397	0,00148321
		537248,9	9,15914E-10	1,17939E-11	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,17939E-11	100	0,039671766	0,03140071
		537247,9	1,45995E-09	2,49667E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	2,49667E-10	100	0,171024214	0,01795287
		537261,6	9,15914E-10	1,42754E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,42754E-10	100	0,155889204	0,01793631
		537250,4	9,15914E-10	1,42623E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,42623E-10	100	0,155719416	0,01822273
		537257,5	9,15914E-10	1,449E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,449E-10	100	0,158202994	0,01910375
		537253,7	9,15914E-10	1,51906E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,51906E-10	100	0,168601712	0,01965418
		537249,5	9,15914E-10	1,56283E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
7	Continuous release No rainout Immediate Horizontal Jet fire Only	1,56283E-10	100	0,170620358	0,01957485
		537248,9	9,15914E-10	1,55652E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,55652E-10	100	0,168941044	0,04712253
		537247,9	3,50649E-08	4,35051E-09	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	4,35051E-09	100	0,134070471	0,42334006
		537261,6	2,19983E-08	3,36024E-09	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	3,36024E-09	100	0,153822911	0,4236639
		537260,4	2,19983E-08	3,36882E-09	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	3,36882E-09	100	0,153139965	0,41735249
		537257,5	2,19983E-08	3,31863E-09	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	3,31863E-09	100	0,150858608	0,38835577
		537253,7	2,19983E-08	3,08806E-09	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	3,08806E-09	100	0,140377288	0,3490152
		537249,5	2,19983E-08	2,77524E-09	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
7	Continuous release No rainout Immediate Horizontal Jet fire Only	2,77524E-09	100	0,126157022	0,35831637
		537248,9	2,19983E-08	2,8492E-09	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	2,8492E-09	100	0,129519077	0,02291272
		537244,1	1,12101E-09	1,82193E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Vertical Jet fire Only	1,82193E-10	100	0,930696615	0,01900324
		537241,2	1,12101E-09	1,51107E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Vertical Jet fire Only	1,51107E-10	100	0,876964042	0,01718325
		537241,5	1,12101E-09	1,36635E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Vertical Jet fire Only	1,36635E-10	100	0,895270256	0,01722109
		537245,1	1,12101E-09	1,36936E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Vertical Jet fire Only	1,36936E-10	100	0,905500004	0,01691965
		537248,6	1,12101E-09	1,34539E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Vertical Jet fire Only	1,34539E-10	100	0,905926365	0,01637797
		537252,2	1,12101E-09	1,30231E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
7	Continuous release No rainout Immediate Vertical Jet fire Only	1,30231E-10	100	0,912978936	0,01566783
		537255,7	1,12101E-09	1,24744E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
8	Continuous release No rainout Immediate Vertical Jet fire Only	1,24744E-10	100	0,913995137	0,01498034
		537259,3	1,12101E-09	1,19118E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
9	Continuous release No rainout Immediate Vertical Jet fire Only	1,19118E-10	100	0,894478774	0,0142228
		537262,8	1,12101E-09	1,13094E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
10	Continuous release No rainout Immediate Vertical Jet fire Only	1,13094E-10	100	0,913774919	0,01334941
		537266,4	1,12101E-09	1,06149E-10	

Eesveen-1\Leiding\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ondegr O\Long Pipeline Breach NSL break Ondegr O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
11	Continuous release No rainout Immediate Vertical Jet fire Only	1,06149E-10	100	0,904222027	0,01225884
		537269,9	1,12101E-09	9,74777E-11	

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
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Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg O

Continuous release No rainout Immediate Vertical Jet fire Only 9,74777E-11 100 0,88923015 0,01081632 0,076723236
207152,4 537273,4 1,12101E-09 8,60073E-11

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	8,60073E-11	100	0,900842027
	537244,1	2,69242E-08	9,33189E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	9,33189E-10	100	0,856233649
	537241,2	2,69242E-08	7,10636E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	7,10636E-10	100	0,832046418
	537241,5	2,69242E-08	6,1418E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	6,1418E-10	100	0,842031841
	537245,1	2,69242E-08	6,16153E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	6,16153E-10	100	0,849595445
	537248,6	2,69242E-08	6,10297E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	6,10297E-10	100	0,859844337
	537252,2	2,69242E-08	5,9881E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	5,9881E-10	100	0,922149928
	537259,7	2,69242E-08	5,93701E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	5,93701E-10	100	0,852917437
	537259,3	2,69242E-08	5,93783E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	5,93783E-10	100	0,821862667
	537262,8	2,69242E-08	5,90593E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	5,90593E-10	100	0,850816551
	537266,4	2,69242E-08	5,80789E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	5,80789E-10	100	0,922095729
	537269,9	2,69242E-08	5,49331E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	5,49331E-10	100	0,844292608
	537273,4	2,69242E-08	4,85223E-10

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	4,85223E-10	100	0,842263264

Outdoor vulnerability 1,76703E-06

Model Name	Location Index	Model East [m]	Model North [m]	Model Frequency (/Avg/Year)	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome												
Eesveen-1Apparaten\DS-100\Long Pipeline G1 DS-100 break D O\Long Pipeline Breach G1 DS-100 break D O	1	207115.1	537257.7	2E-07	2,71671E-08	1,53744332	0,138835701												
<table><tr><th>Outcome Type Description</th><th>Total Risk (/Avg/Year)</th><th>Pct. Risk</th><th>Risk / Outcome</th></tr><tr><td>Continuous release No rainout Immediate Horizontal Jet fire Only</td><td>2,71671E-08</td><td>100</td><td>0,135835701</td></tr><tr><td></td><td>537257.7</td><td>2E-07</td><td>4,55144E-08</td></tr></table>								Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	Continuous release No rainout Immediate Horizontal Jet fire Only	2,71671E-08	100	0,135835701		537257.7	2E-07	4,55144E-08
Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	2,71671E-08	100	0,135835701																
	537257.7	2E-07	4,55144E-08																
Eesveen-1Apparaten\DS-100\Long Pipeline G1 DS-100 break U O\Long Pipeline Breach G1 DS-100 break U O	1	207115.1	537257.7	2E-07	4,55144E-08	2,57574925	0,227571775												
<table><tr><th>Outcome Type Description</th><th>Total Risk (/Avg/Year)</th><th>Pct. Risk</th><th>Risk / Outcome</th></tr><tr><td>Continuous release No rainout Immediate Horizontal Jet fire Only</td><td>4,55144E-08</td><td>100</td><td>0,227571775</td></tr><tr><td></td><td>537257.7</td><td>4,8E-06</td><td>9,62165E-07</td></tr></table>								Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	Continuous release No rainout Immediate Horizontal Jet fire Only	4,55144E-08	100	0,227571775		537257.7	4,8E-06	9,62165E-07
Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	4,55144E-08	100	0,227571775																
	537257.7	4,8E-06	9,62165E-07																
Eesveen-1Apparaten\DS-100\Long Pipeline G1 DS-100 break U V\Long Pipeline Breach G1 DS-100 break U V	1	207115.1	537257.7	4,8E-06	9,62165E-07	54,4508849	0,200451128												
<table><tr><th>Outcome Type Description</th><th>Total Risk (/Avg/Year)</th><th>Pct. Risk</th><th>Risk / Outcome</th></tr><tr><td>Continuous release No rainout Immediate Horizontal Jet fire Only</td><td>9,62165E-07</td><td>100</td><td>0,200451128</td></tr><tr><td></td><td>537258.6</td><td>7,64001E-10</td><td>8,96254E-11</td></tr></table>								Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	Continuous release No rainout Immediate Horizontal Jet fire Only	9,62165E-07	100	0,200451128		537258.6	7,64001E-10	8,96254E-11
Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	9,62165E-07	100	0,200451128																
	537258.6	7,64001E-10	8,96254E-11																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gzamel)\4 putten\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O	1	207110.5	537258.6	7,64001E-10	8,96254E-11	0,00507208	0,117310635												
<table><tr><th>Outcome Type Description</th><th>Total Risk (/Avg/Year)</th><th>Pct. Risk</th><th>Risk / Outcome</th></tr><tr><td>Continuous release No rainout Immediate Horizontal Jet fire Only</td><td>8,96254E-11</td><td>100</td><td>0,117310635</td></tr><tr><td></td><td>537257.5</td><td>7,64001E-10</td><td>9,14173E-11</td></tr></table>								Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	Continuous release No rainout Immediate Horizontal Jet fire Only	8,96254E-11	100	0,117310635		537257.5	7,64001E-10	9,14173E-11
Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	8,96254E-11	100	0,117310635																
	537257.5	7,64001E-10	9,14173E-11																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gzamel)\4 putten\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O	2	207108	537257.5	7,64001E-10	9,14173E-11	0,00517349	0,119656048												
<table><tr><th>Outcome Type Description</th><th>Total Risk (/Avg/Year)</th><th>Pct. Risk</th><th>Risk / Outcome</th></tr><tr><td>Continuous release No rainout Immediate Horizontal Jet fire Only</td><td>9,14173E-11</td><td>100</td><td>0,119656048</td></tr><tr><td></td><td>537258.6</td><td>7,64001E-10</td><td>1,73587E-10</td></tr></table>								Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	Continuous release No rainout Immediate Horizontal Jet fire Only	9,14173E-11	100	0,119656048		537258.6	7,64001E-10	1,73587E-10
Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	9,14173E-11	100	0,119656048																
	537258.6	7,64001E-10	1,73587E-10																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gzamel)\4 putten\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O	1	207110.5	537258.6	7,64001E-10	1,73587E-10	0,00982362	0,227207553												
<table><tr><th>Outcome Type Description</th><th>Total Risk (/Avg/Year)</th><th>Pct. Risk</th><th>Risk / Outcome</th></tr><tr><td>Continuous release No rainout Immediate Horizontal Jet fire Only</td><td>1,73587E-10</td><td>100</td><td>0,227207553</td></tr><tr><td></td><td>537257.5</td><td>7,64001E-10</td><td>1,73404E-10</td></tr></table>								Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	Continuous release No rainout Immediate Horizontal Jet fire Only	1,73587E-10	100	0,227207553		537257.5	7,64001E-10	1,73404E-10
Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	1,73587E-10	100	0,227207553																
	537257.5	7,64001E-10	1,73404E-10																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gzamel)\4 putten\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O	2	207108	537257.5	7,64001E-10	1,73404E-10	0,00981327	0,226968175												
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	537258.6	1,83497E-08	3,74666E-09																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gzamel)\4 putten\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V	1	207110.5	537258.6	1,83497E-08	3,74666E-09	0,21214562	0,204291795												
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	537257.5	1,83497E-08	3,75735E-09																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (4 inch) (gzamel)\4 putten\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V	2	207108	537257.5	1,83497E-08	3,75735E-09	0,2126358	0,204763829												
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	537243.9	9,18566E-10	1,4262E-11																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O	1	207076.2	537243.9	9,18566E-10	1,4262E-11	0,00080712	0,015526414												
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Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	1,4262E-11	100	0,015526414																
	537242.1	9,18566E-10	6,38043E-12																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O	2	207076.8	537242.1	9,18566E-10	6,38043E-12	0,00036108	0,006946072												
<table><tr><th>Outcome Type Description</th><th>Total Risk (/Avg/Year)</th><th>Pct. Risk</th><th>Risk / Outcome</th></tr><tr><td>Continuous release No rainout Immediate Horizontal Jet fire Only</td><td>6,38043E-12</td><td>100</td><td>0,006946072</td></tr><tr><td></td><td>537242</td><td>9,18566E-10</td><td>5,2337E-12</td></tr></table>								Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	Continuous release No rainout Immediate Horizontal Jet fire Only	6,38043E-12	100	0,006946072		537242	9,18566E-10	5,2337E-12
Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	6,38043E-12	100	0,006946072																
	537242	9,18566E-10	5,2337E-12																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O	3	207075.8	537242	9,18566E-10	5,2337E-12	0,00029619	0,005697681												
<table><tr><th>Outcome Type Description</th><th>Total Risk (/Avg/Year)</th><th>Pct. Risk</th><th>Risk / Outcome</th></tr><tr><td>Continuous release No rainout Immediate Horizontal Jet fire Only</td><td>5,2337E-12</td><td>100</td><td>0,005697681</td></tr><tr><td></td><td>537241.1</td><td>9,18566E-10</td><td>3,03406E-12</td></tr></table>								Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	Continuous release No rainout Immediate Horizontal Jet fire Only	5,2337E-12	100	0,005697681		537241.1	9,18566E-10	3,03406E-12
Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	5,2337E-12	100	0,005697681																
	537241.1	9,18566E-10	3,03406E-12																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O	4	207073.9	537241.1	9,18566E-10	3,03406E-12	0,00017167	0,003303036												
<table><tr><th>Outcome Type Description</th><th>Total Risk (/Avg/Year)</th><th>Pct. Risk</th><th>Risk / Outcome</th></tr><tr><td>Continuous release No rainout Immediate Horizontal Jet fire Only</td><td>3,03406E-12</td><td>100</td><td>0,003303036</td></tr><tr><td></td><td>537242.7</td><td>9,18566E-10</td><td>3,11865E-12</td></tr></table>								Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	Continuous release No rainout Immediate Horizontal Jet fire Only	3,03406E-12	100	0,003303036		537242.7	9,18566E-10	3,11865E-12
Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	3,03406E-12	100	0,003303036																
	537242.7	9,18566E-10	3,11865E-12																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O	15	207102.7	537242.7	9,18566E-10	3,11865E-12	0,00017649	0,003395129												
<table><tr><th>Outcome Type Description</th><th>Total Risk (/Avg/Year)</th><th>Pct. Risk</th><th>Risk / Outcome</th></tr><tr><td>Continuous release No rainout Immediate Horizontal Jet fire Only</td><td>3,11865E-12</td><td>100</td><td>0,003395129</td></tr><tr><td></td><td>537246.2</td><td>9,18566E-10</td><td>8,64389E-12</td></tr></table>								Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	Continuous release No rainout Immediate Horizontal Jet fire Only	3,11865E-12	100	0,003395129		537246.2	9,18566E-10	8,64389E-12
Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome																
Continuous release No rainout Immediate Horizontal Jet fire Only	3,11865E-12	100	0,003395129																
	537246.2	9,18566E-10	8,64389E-12																
Eesveen-1Flowlines\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O	16	207106.5	537246.2	9,18566E-10	8,64389E-12	0,00048918	0,009410196												

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		8,43456E-12	100	0,000410196	
17	207110,2	537248,7	9,18566E-10	1,93178E-11	0,00109323 0,021030378

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,55170E-11	100	0,021030378	
18	207110,4	537253,2	9,18566E-10	5,22155E-11	0,00295498 0,056844567

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		8,22156E-11	100	0,056844567	
19	207108,2	537254,6	9,18566E-10	7,98274E-11	0,00451759 0,08690434

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		7,09274E-11	100	0,08690434	
20	207106,9	537255	9,18566E-10	9,03827E-11	0,00511494 0,098395449

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		9,03827E-11	100	0,068385449	
1	207076,2	537243,9	9,18566E-10	6,89011E-11	0,00389925 0,07500944

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		6,89011E-11	100	0,07500944	
2	207076,8	537242,1	9,18566E-10	5,01721E-11	0,00283934 0,054620032

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		6,01731E-11	100	0,054620032	
3	207075,8	537242	9,18566E-10	4,643E-11	0,00262757 0,050546169

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		4,643E-11	100	0,050546169	
4	207073,9	537241,1	9,18566E-10	3,32345E-11	0,00188081 0,036180803

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		3,32345E-11	100	0,036180803	
5	207071	537238,3	9,18566E-10	1,08337E-11	0,0006131 0,011794173

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,08337E-11	100	0,011794173	
6	207071	537235,3	9,18566E-10	2,82001E-12	0,00019599 0,003070016

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		2,82001E-12	100	0,003070016	
12	207091,3	537232,3	9,18566E-10	2,38731E-13	1,351E-05 0,000259895

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		2,38731E-13	100	0,005432909	
13	207095,1	537235,7	9,18566E-10	3,93059E-12	0,00022244 0,004279047

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		3,93059E-12	100	0,004279047	
14	207098,9	537239,2	9,18566E-10	1,55061E-11	0,00087752 0,016880754

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,55061E-11	100	0,016880754	
15	207102,7	537242,7	9,18566E-10	3,38679E-11	0,00191666 0,036870447

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		3,38679E-11	100	0,036870447	
16	207106,5	537246,2	9,18566E-10	5,73666E-11	0,0032465 0,062452532

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		5,73666E-11	100	0,062452532	
17	207110,2	537249,7	9,18566E-10	7,65276E-11	0,00433085 0,083312007

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		7,65276E-11	100	0,083312007	
18	207110,4	537253,2	9,18566E-10	1,08666E-10	0,0061496 0,118298974

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,08666E-10	100	0,118298974	
19	207108,2	537254,6	9,18566E-10	1,26392E-10	0,00715276 0,137596787

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,26392E-10	100	0,137596787	
20	207106,9	537255	9,18566E-10	1,3205E-10	0,00747295 0,1437562

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,3205E-10	100	0,1437562	
1	207100,3	537262,1	1,29113E-09	2,27997E-10	0,01286185 0,175889881

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		2,27997E-10	100	0,175889926	
2	207104,2	537257,9	1,29113E-09	1,79930E-10	0,01014712 0,138873082

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,79930E-10	100	0,138873118	
1	207100,3	537262,1	3,10102E-08	1,69235E-08	0,00957735 0,005457405

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,69235E-10	100	0,005457405	
1	207100,3	537262,1	1,28113E-09	2,45079E-10	0,01386952 0,189817558

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		2,45079E-10	100	0,189817607	
2	207104,2	537257,9	1,29113E-09	2,14824E-10	0,01215733 0,160384714

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		2,14824E-10	100	0,160384757	
1	207100,3	537262,1	3,10102E-08	1,77655E-10	0,01005386 0,005728933

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,77655E-10	100	0,005728933	
1	207099,2	537266,6	1,04555E-09	2,0656E-10	0,01168953 0,197559131

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		2,0656E-10	100	0,197559089	
2	207095,7	537267,3	1,04555E-09	2,13495E-10	0,01208209 0,204193804

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		2,13495E-10	100	0,204193961	
3	207092,1	537267,8	1,04555E-09	2,1821E-10	0,01234893 0,2087034

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\L2 Flowline lek\L2 Flowline lek leak

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\L2 Flowline lek\L2 Flowline lek leak

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\L2 Flowline lek\L2 Flowline lek leak

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\L2 Flowline lek\L2 Flowline lek leak

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\L2 Flowline lek\L2 Flowline lek leak

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

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Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	2,1821E-10	100	0,208703356	0,10004593
	207099,2	537268,6	2,51119E-08	1,76785E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,76785E-09	100	0,070398821	0,14642987
	207095,7	537267,3	2,51119E-08	2,58747E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	2,58747E-09	100	0,103037576	0,17464809
	207092,1	537267,8	2,51119E-08	3,08609E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	3,08609E-09	100	0,122892746	0,203069553
	207099,2	537266,6	1,04555E-09	2,12319E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	2,12319E-10	100	0,203069509	0,01222598
	207095,7	537267,3	1,04555E-09	2,16037E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	2,16037E-10	100	0,208625419	0,01234887
	207092,1	537267,8	1,04555E-09	2,18209E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	2,18209E-10	100	0,208702365	0,10635794
	207099,2	537266,6	2,51119E-08	1,87938E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,87938E-09	100	0,074640361	0,15285706
	207095,7	537267,3	2,51119E-08	2,70104E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	2,70104E-09	100	0,137756018	0,18036356
	207092,1	537267,8	2,51119E-08	3,18706E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	3,18706E-09	100	0,120851525	0,43508737
	207092,4	537264,3	3,92638E-07	7,8854E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	7,8854E-09	100	0,019587123	0,019706757
	207094,2	537264,7	3,92638E-07	7,73763E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	7,73763E-09	100	0,015705754	1,50088564
	207092,9	537267,1	3,92638E-07	2,65212E-08	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	2,65212E-08	100	0,067546039	0,55282898
	207095,3	537265,4	3,92638E-07	8,76867E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	8,76867E-09	100	0,024677575	0,0900793
	207097,8	537263,8	3,92638E-07	1,59173E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,59173E-09	100	0,004053938	0,01048004
	207092,4	537264,3	8,62264E-10	1,85186E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,85186E-10	100	0,214766874	0,00960571
	207096,1	537260,3	8,62264E-10	1,70796E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,70796E-10	100	0,198078934	0,00919465
	207098,5	537258,8	8,62264E-10	1,62473E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,62473E-10	100	0,188425397	0,00972742
	207097,5	537261,1	8,62264E-10	1,71887E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,71887E-10	100	0,199343486	0,0104827
	207094,2	537264,7	8,62264E-10	1,85233E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,85233E-10	100	0,214821377	0,01080466
	207092,9	537267,1	8,62264E-10	1,90922E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,90922E-10	100	0,221419339	0,01053426
	207095,3	537265,4	8,62264E-10	1,86144E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,86144E-10	100	0,213878017	0,01018033
	207097,8	537263,8	8,62264E-10	1,7696E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,7696E-10	100	0,208624843	0,10601374
	207092,4	537264,3	2,07097E-08	1,8733E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,8733E-09	100	0,090454945	0,02301973
	207096,1	537260,3	2,07097E-08	4,06766E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	4,06766E-10	100	0,013964131	0,00429541
	207098,5	537258,8	2,07097E-08	7,59014E-11	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	7,59014E-11	100	0,000665008	0,02713897
	207097,5	537261,1	2,07097E-08	4,79555E-10	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	4,79555E-10	100	0,023155998	0,10639705
	207094,2	537264,7	2,07097E-08	1,88907E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,88907E-09	100	0,090782001	0,14694609
	207092,9	537267,1	2,07097E-08	2,59659E-09	
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,88907E-09	100	0,090782001	0,14694609
	207092,9	537267,1	2,07097E-08	2,59659E-09	

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Continuous release No rainout Immediate Horizontal Jet fire Only	2,59659E-09	100	0,125379988		
207095,3	537265,4	2,07097E-08	2,01128E-09	0,11382258	0,097117729

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	2,01128E-09	100	0,097117745
207097,8	537263,8	2,07097E-08	1,21363E-09
0,06868165			0,05860178

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,21363E-09	100	0,05860179
207092,4	537264,3	8,62264E-10	1,74618E-10
0,009882			0,202511358

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,74618E-10	100	0,202511345
207096,1	537260,3	8,62264E-10	1,625E-10
0,00919618			0,188456735

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,625E-10	100	0,188456722
207098,5	537258,8	8,62264E-10	1,55052E-10
0,00877471			0,17981958

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,55052E-10	100	0,179819569
207097,5	537261,1	8,62264E-10	1,63432E-10
0,00924892			0,18953761

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,63432E-10	100	0,189537597
207094,2	537264,7	8,62264E-10	1,74656E-10
0,00988414			0,202555057

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,74656E-10	100	0,202555044
207092,9	537267,1	8,62264E-10	1,7887E-10
0,01012262			0,207442249

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,7887E-10	100	0,207442236
207095,3	537265,4	8,62264E-10	1,75367E-10
0,00992438			0,203379743

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,75367E-10	100	0,20337973
207097,8	537263,8	8,62264E-10	1,70305E-10
0,0096379			0,197509038

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,70305E-10	100	0,197509025
207092,4	537264,3	2,07097E-08	3,45861E-09
0,08254582			0,070431214

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,45861E-09	100	0,070431228
207096,1	537260,3	2,07097E-08	9,24106E-11
0,0052297			0,00462181

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	9,24106E-11	100	0,004462182
207097,5	537261,1	2,07097E-08	1,1173E-10
0,006323			0,005395023

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,1173E-10	100	0,005395024
207094,2	537264,7	2,07097E-08	1,46632E-09
0,08298217			0,070803527

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,46632E-09	100	0,070803529
207092,9	537267,1	2,07097E-08	2,38909E-09
0,13520289			0,115360223

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	2,38909E-09	100	0,115360243
207095,3	537265,4	2,07097E-08	1,60895E-09
0,09105358			0,077690361

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,60895E-09	100	0,077690374
207097,8	537263,8	2,07097E-08	6,90416E-10
0,03907201			0,033337713

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 tweede stuk)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	6,90416E-10	100	0,033337719
207115,6	537270,7	7,56875E-10	1,28784E-10
0,00728616			0,170152657

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,28784E-10	100	0,170152697
207114,2	537273,3	7,56875E-10	1,40215E-10
0,00793505			0,185255201

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,40215E-10	100	0,185255201
207113	537275,8	7,56875E-10	1,48925E-10
0,00842797			0,196763087

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,48925E-10	100	0,196763087
207117,7	537278,1	7,56875E-10	1,55989E-10
0,00882775			0,20600602

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,55989E-10	100	0,206006062
207115,6	537270,7	1,81785E-08	5,78469E-11
0,00327368			0,003182162

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	5,78469E-11	100	0,003182161
207114,2	537273,3	1,81785E-08	4,08598E-10
0,02312337			0,022476968

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	4,08598E-10	100	0,022476966
207113	537275,8	1,81785E-08	1,21548E-09
0,06878654			0,068663642

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,21548E-09	100	0,006863636
207117,7	537278,1	1,81785E-08	2,02235E-09
0,11444861			0,111249259

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	2,02235E-09	100	0,111249248
207115,6	537270,7	7,56875E-10	1,40891E-10
0,00797332			0,186148735

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,40891E-10	100	0,186148735
207114,2	537273,3	7,56875E-10	1,48144E-10
0,0083838			0,195731864

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,48144E-10	100	0,195731864
207113	537275,8	7,56875E-10	1,5336E-10
0,00867894			0,202622436

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description	Total Risk (/AugeYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,5336E-10	100	0,202622436

		20711.7	537278.1		7.56875E-10		1.57047E-05	0.0088891	0.207529221
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.57047E-10		100		0.207529221		
1		207115.6	537270.7		1.81785E-08		6.38006E-11	0.0036106	0.003509671
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		6.38006E-11		100		0.003509671		
2		207114.2	537273.3		1.81785E-08		4.31084E-10	0.0243959	0.023713928
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		4.31084E-10		100		0.023713928		
3		207113	537275.8		1.81785E-08		1.29733E-09	0.0734184	0.071366026
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.29733E-09		100		0.071366019		
4		207111.7	537278.1		1.81785E-08		2.11205E-09	0.11952526	0.11616399
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		2.11205E-09		100		0.115183979		
1		207119.2	537270.2		8.12996E-10		1.23247E-09	0.00697482	0.150439839
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.23247E-10		100		0.150430839		
2		207122.5	537273.3		8.12996E-10		1.19945E-09	0.00678791	0.14639958
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.19945E-10		100		0.1463958		
3		207123.3	537277		8.12996E-10		1.336E-10	0.00756071	0.160367194
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.336E-10		100		0.163607194		
4		207120.8	537279.6		8.12996E-10		1.46329E-10	0.00828103	0.178602689
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.46329E-10		100		0.178602689		
5		207119.6	537282		8.12996E-10		1.55505E-09	0.00800033	0.189802862
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.55505E-10		100		0.189802862		
6		207117.7	537283.6		8.12996E-10		1.6393E-09	0.00927712	0.200086186
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.6393E-10		100		0.200086186		
4		207121.8	537279.6		1.96777E-08		1.82930E-09	0.01035085	0.009294916
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.82930E-10		100		0.009294915		
5		207119.6	537282		1.96777E-08		7.11201E-10	0.0402483	0.03614242
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		7.11201E-10		100		0.036142418		
6		207117.7	537283.6		1.96777E-08		1.64317E-09	0.02999047	0.083504157
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.64317E-09		100		0.083504149		
2		207119.2	537270.2		8.12996E-10		1.42179E-09	0.00804621	0.173538344
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.42179E-10		100		0.173538344		
2		207122.5	537273.3		8.12996E-10		1.40119E-09	0.0079296	0.171023351
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.40119E-10		100		0.171023351		
3		207123.3	537277		8.12996E-10		1.48791E-09	0.00842036	0.181607778
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.48791E-10		100		0.181607778		
4		207120.8	537279.6		8.12996E-10		1.56939E-09	0.00888151	0.191535855
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.56939E-10		100		0.191535855		
5		207119.6	537282		8.12996E-10		1.62645E-09	0.00920443	0.198518496
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.62645E-10		100		0.198518496		
6		207117.7	537283.6		8.12996E-10		1.67528E-09	0.00948077	0.204478381
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.67528E-10		100		0.204478384		
3		207123.3	537277		1.96777E-08		5.334E-12	0.00030186	0.000271068
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		5.334E-12		100		0.00069547		
4		207120.8	537279.6		1.96777E-08		2.19606E-10	0.01432929	0.01117031
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		2.19606E-10		100		0.011703289		
5		207119.6	537282		1.96777E-08		7.78556E-10	0.04459003	0.039565298
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		7.78556E-10		100		0.039565295		
6		207117.7	537283.6		1.96777E-08		1.74633E-09	0.008288251	0.08874663
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		1.74633E-09		100		0.088746602		
1		207106.7	537259.8		6.59696E-10		7.88193E-11	0.00446054	0.119478153
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		7.88193E-11		100		0.119478153		
2		207107.5	537258.1		6.59696E-10		8.41409E-11	0.00471671	0.127544911
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		8.41409E-11		100		0.127544911		
3		207108.3	537259.5		6.59696E-10		8.97845E-11	0.00508109	0.136099753
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		8.97845E-11		100		0.136099753		
4		207109.6	537261.3		6.59696E-10		9.50738E-11	0.00538042	0.144117699
	Outcome Type Description	Total Risk (Ave/Year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only		9.50738E-11		100		0.144117699		
5		207112.8	537204.3		6.59696E-10		9.84548E-11	0.00557175	0.149242829

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Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	9,84546E-11	100	6,349524259	
		207115,9	537267,2	6,59696E-10	0,00564675 0,151251391
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	8,570E-11	100	0,153125391	
		207106,7	537259,8	6,59696E-10	0,00809725 0,210889341
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	1,43091E-10	100	0,210889341	
		207107,5	537258,1	6,59696E-10	0,00812941 0,217750923
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,43946E-10	100	0,217750923	
		207108,3	537259,5	6,59696E-10	0,00815556 0,218451238
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,44111E-10	100	0,218451238	
		207109,6	537261,3	6,59696E-10	0,00818069 0,219124377
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,44556E-10	100	0,219124377	
		207112,8	537264,3	6,59696E-10	0,00819473 0,219500509
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,44846E-10	100	0,219500509	
		207115,9	537267,2	6,59696E-10	0,00820018 0,219646363
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,446E-10	100	0,219646363	
		207106,7	537258,8	1,58444E-08	1,91027E-09 0,10810604 0,120563691
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	1,91027E-09	100	0,120563678	
		207107,5	537258,1	1,58444E-08	2,04096E-09 0,115502 0,12881193
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	2,04096E-09	100	0,128811916	
		207108,3	537259,5	1,58444E-08	2,15818E-09 0,12213578 0,136210161
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	2,15818E-09	100	0,136210148	
		207109,6	537261,3	1,58444E-08	2,27413E-09 0,12869745 0,14352797
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	2,27413E-09	100	0,143527954	
		207112,8	537264,3	1,58444E-08	2,34866E-09 0,13291537 0,148231947
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	2,34866E-09	100	0,14823193	
		207115,9	537267,2	1,58444E-08	2,37807E-09 0,13457954 0,150087883
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	2,37807E-09	100	0,150087867	
		207108,5	537247,9	1,45995E-09	1,12771E-10 0,00638195 0,077243286
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	1,12771E-10	100	0,077243291	
		207114,6	537261,6	9,15914E-10	1,48379E-10 0,00639708 0,162001385
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,48379E-10	100	0,162001395	
		207112,8	537260,4	9,15914E-10	1,49681E-10 0,00841413 0,162330259
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,48681E-10	100	0,162330269	
		207109,8	537257,5	9,15914E-10	1,43102E-10 0,00808641 0,156239201
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,43102E-10	100	0,156239211	
		207110,5	537253,7	9,15914E-10	1,1616E-10 0,00657035 0,126759019
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,161E-10	100	0,126759026	
		207110,7	537249,5	9,15914E-10	7,66718E-11 0,00433901 0,0837107
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
7	Continuous release No rainout Immediate Horizontal Jet fire Only	7,66718E-11	100	0,083710705	
		207107,5	537248,9	9,15914E-10	8,52793E-11 0,00482613 0,093108492
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	8,52793E-11	100	0,093108498	
		207108,5	537247,9	1,45995E-09	9,37448E-10 0,01909687 0,23113685
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	3,37448E-10	100	0,231139868	
		207114,6	537261,6	9,15914E-10	2,04079E-10 0,01154922 0,222814243
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	2,04079E-10	100	0,222814256	
		207112,8	537260,4	9,15914E-10	2,04E-10 0,01154477 0,222728457
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	2,04E-10	100	0,222728471	
		207109,8	537257,5	9,15914E-10	2,05206E-10 0,01161979 0,224175735
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	2,05206E-10	100	0,224175748	
		207110,5	537253,7	9,15914E-10	2,09355E-10 0,01184782 0,228575027
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	2,09355E-10	100	0,228575041	
		207110,7	537249,5	9,15914E-10	2,11541E-10 0,01197156 0,230962246
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
7	Continuous release No rainout Immediate Horizontal Jet fire Only	2,11541E-10	100	0,230962228	
		207107,5	537248,9	9,15914E-10	2,11241E-10 0,01195457 0,230634441
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	2,11241E-10	100	0,230634455	
		207108,5	537247,9	3,50649E-08	6,4474E-09 0,36487146 0,183870778

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	2	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Horizontal Jet fire Only	6,4474E-09 537261,8	100 2,19983E-08	0,183870778 4,59844E-09	0,25978242	0,208672765	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	3	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Horizontal Jet fire Only	4,59044E-09 537260,4	100 2,19983E-08	0,208672799 4,59273E-09	0,25991179	0,208776684	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	4	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Horizontal Jet fire Only	4,59273E-09 537257,5	100 2,19983E-08	0,208778718 4,54988E-09	0,25749264	0,206833474	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	5	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Horizontal Jet fire Only	4,54988E-09 537253,7	100 2,19983E-08	0,206833507 4,34975E-09	0,246161	0,197731222	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	6	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Horizontal Jet fire Only	4,34975E-09 537249,5	100 2,19983E-08	0,197731254 4,08324E-09	0,23107907	0,185616519	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	7	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Horizontal Jet fire Only	4,08324E-09 537248,9	100 2,19983E-08	0,185616549 4,14481E-09	0,2345521	0,188406263	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	1	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Horizontal Jet fire Only	4,14481E-09 537244,1	100 1,12101E-09	0,188406264 5,56035E-10	0,03150109	0,496548778	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	2	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	5,56035E-10 537241,2	100 1,12101E-09	0,496548925 5,13316E-10	0,02904958	0,457905933	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	3	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	5,13316E-10 537241,5	100 1,12101E-09	0,457905989 4,96832E-10	0,02811673	0,443201494	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	4	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	4,96832E-10 537245,1	100 1,12101E-09	0,445201826 5,01413E-10	0,02837596	0,447287621	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	5	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	5,01413E-10 537248,6	100 1,12101E-09	0,447287754 5,02147E-10	0,0284175	0,447942474	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	6	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	5,02147E-10 537252,2	100 1,12101E-09	0,447943907 4,97707E-10	0,028116025	0,443982107	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	7	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	4,97707E-10 537255,7	100 1,12101E-09	0,443982239 4,88735E-10	0,02765838	0,435976546	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	8	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	4,88735E-10 537259,3	100 1,12101E-09	0,435976676 4,75187E-10	0,02689176	0,423892411	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	9	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	4,75187E-10 537262,8	100 1,12101E-09	0,423882537 4,57297E-10	0,02587937	0,407934235	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	10	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	4,57297E-10 537266,4	100 1,12101E-09	0,407934356 4,36235E-10	0,02468739	0,389145169	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	11	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	4,36235E-10 537269,9	100 1,12101E-09	0,389145284 4,12136E-10	0,02332362	0,367648101	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg O\Long Pipeline Breach NSL break Onderg O	12	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	4,12136E-10 537273,4	100 1,12101E-09	0,367648211 3,85806E-10	0,02183355	0,344160281	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V	1	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	3,85806E-10 537244,1	100 2,69242E-08	0,344160383 7,25116E-09	0,41035794	0,269317727	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V	2	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	7,25116E-09 537241,2	100 2,69242E-08	0,356619041 6,45024E-09	0,3650323	0,239570526	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V	3	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	6,45024E-09 537241,5	100 2,69242E-08	0,343397262 6,09749E-09	0,34500914	0,226468715	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V	4	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	6,09749E-09 537245,1	100 2,69242E-08	0,334204923 6,1508E-09	0,34808601	0,228448686	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V	5	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	6,1508E-09 537248,6	100 2,69242E-08	0,331495556 6,11775E-09	0,34821565	0,227221174	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V	6	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	6,11775E-09 537252,2	100 2,69242E-08	0,328625291 6,00803E-09	0,34000665	0,223146208	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V	7	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	6,00803E-09 537255,7	100 2,69242E-08	0,324542881 5,83437E-09	0,33017886	0,216966236	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V	8	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	5,83437E-09 537259,3	100 2,69242E-08	0,320827435 5,69311E-09	0,3170913	0,208106874	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V	9	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	5,69311E-09 537262,8	100 2,69242E-08	0,317718081 5,32105E-09	0,30112883	0,197630709	
Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Onderg V\Long Pipeline Breach NSL break Onderg V	10	Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			
		Continuous release No rainout Immediate Vertical Jet fire Only	5,32105E-09 537266,4	100 2,69242E-08	0,312469519 4,98762E-09	0,28225845	0,185246749	
		Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome			

Eesveen-1Leidingen(Export leiding(Export leiding)Model Group BelowLong Pipeline NSL breuk Onderg VLong Pipeline Breach NSL breuk Onderg V

Eesveen-1Leidingen(Export leiding(Export leiding)Model Group BelowLong Pipeline NSL breuk Onderg VLong Pipeline Breach NSL breuk Onderg V

Eesveen-1Putonderhoud(ESV-1)Long Pipeline ESV-1 blow out Casing OLong Pipeline Breach ESV-1 blow out Casing O

Eesveen-1Putonderhoud(ESV-2)Long Pipeline ESV-2 blow out Casing OLong Pipeline Breach ESV-2 blow out Casing O

Eesveen-1Putonderhoud(ESV-2)Long Pipeline ESV-2 blow out Casing VLong Pipeline Breach ESV-2 blow out Casing V

Eesveen-1Putonderhoud(ESV-2)Long Pipeline ESV-2 blow out Tubing OLong Pipeline Breach ESV-2 blow out Tubing O

Eesveen-1Putonderhoud(ESV-3)Long Pipeline ESV-3 blow out Casing OLong Pipeline Breach ESV-3 blow out Casing O

Eesveen-1Putonderhoud(ESV-3)Long Pipeline ESV-3 blow out Casing VLong Pipeline Breach ESV-3 blow out Casing V

Eesveen-1Putonderhoud(ESV-3)Long Pipeline ESV-3 blow out Tubing OLong Pipeline Breach ESV-3 blow out Tubing O

Eesveen-1Putonderhoud(ESV-4)Long Pipeline ESV-4 blow out Casing OLong Pipeline Breach ESV-4 blow out Casing O

Eesveen-1Putonderhoud(ESV-4)Long Pipeline ESV-4 blow out Casing VLong Pipeline Breach ESV-4 blow out Casing V

Eesveen-1Putonderhoud(ESV-4)Long Pipeline ESV-4 blow out Tubing OLong Pipeline Breach ESV-4 blow out Tubing O

Eesveen-1Putten (Productie)(ESV-2)Long Pipeline ESV-2 blow out verticaal OLong Pipeline Breach ESV-2 blow out verticaal O

Eesveen-1Putten (Productie)(ESV-2)Long Pipeline ESV-2 blow out verticaal VLong Pipeline Breach ESV-2 blow out verticaal V

Eesveen-1Putten (Productie)(ESV-3)Long Pipeline ESV-3 blow out verticaal OLong Pipeline Breach ESV-3 blow out verticaal O

Eesveen-1Putten (Productie)(ESV-3)Long Pipeline ESV-3 blow out verticaal VLong Pipeline Breach ESV-3 blow out verticaal V

Eesveen-1Putten (Productie)(ESV-4)Long Pipeline ESV-4 blow out verticaal OLong Pipeline Breach ESV-4 blow out verticaal O

Eesveen-1Putten (Productie)(ESV-4)Long Pipeline ESV-4 blow out verticaal VLong Pipeline Breach ESV-4 blow out verticaal V

Oost

207148,06

537294,94

Building Type Name	Risk Total ((Avg2Year))
Indoor vulnerability	9,23764E-07

Continuous release No rainout Immediate Vertical Jet fire Only	4,88762E-09	100	0,36715992
207148,6	537269,9	2,69242E-08	4,58861E-09
11			0,25967879
			0,170427067

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	4,58861E-09	100	0,296540399
207152,4	537273,4	2,69242E-08	4,18812E-09
12			0,23701384
			0,155552139

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	4,18812E-09	100	0,291069342
207077,1	537246,7	8,13E-08	2,93944E-10
1			0,01663487
			0,003615544

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	2,93944E-10	100	0,038127567
207102,4	537269,4	8,13E-08	1,22096E-08
1			0,09045714
			0,150069

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,22006E-08	100	0,200702495
207102,4	537269,4	1,95E-06	3,1092E-08
1			1,79596119
			0,15944634

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	3,1092E-08	100	0,049967769
207102,4	537269,4	2,2E-06	1,1172E-09
1			0,06322436
			0,000507816

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,1172E-09	100	0,029932587
207112,8	537278,8	8,13E-08	1,20555E-08
1			0,08224423
			0,148283945

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,20555E-08	100	0,198331518
207112,8	537278,8	1,99E-06	3,08395E-08
1			1,74527109
			0,015815142

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	3,08395E-08	100	0,051184337
207112,8	537278,8	2,2E-06	1,82973E-09
1			0,10354832
			0,000831697

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,82973E-09	100	0,035609117
207116,7	537282,4	8,13E-08	1,08526E-08
1			0,61417245
			0,133468727

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,08526E-08	100	0,178529014
207116,7	537282,4	1,98E-06	2,46986E-08
1			1,40906094
			0,012768502

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	2,46986E-08	100	0,040460172
207116,7	537292,4	2,2E-06	4,20714E-10
1			0,02380904
			0,000191234

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	4,20714E-10	100	0,032132364
207102,4	537269,4	1,32E-06	6,80417E-08
1			3,85061817
			0,051546755

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	6,80417E-08	100	0,002211574
207102,4	537269,4	3,168E-05	6,06467E-08
1			3,43211821
			0,001914352

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	6,06467E-08	100	0,008125547
207112,8	537278,8	1,32E-06	6,52591E-08
1			3,8926354
			0,0494319

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	6,52591E-08	100	0,077622975
207112,8	537278,8	3,168E-05	6,56905E-08
1			3,71755681
			0,002073563

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	6,56905E-08	100	0,037223368
207116,7	537282,4	1,32E-06	5,52572E-08
1			3,1271188
			0,041861545

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	5,52572E-08	100	0,078704933
207116,7	537282,4	3,168E-05	5,06151E-08
1			2,86440896
			0,001597698

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	5,06151E-08	100	0,033715754
207148,06	537294,94		

Model Name	Location Index	Model East [m]	Model North [m]	Model Frequency ((Avg2Year))	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Eesveen-1Apparaten(DS-100)Long Pipeline G1 DS-100 breuk D OLong Pipeline Breach G1 DS-100 breuk D O	1	207115,1	537257,7	2E-07	1,9495E-08	2,99677176	0,007475109

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,9495E-08	100	0,097479109
207115,1	537257,7	2E-07	3,09423E-08
1			3,32799369
			0,15471238

Eesveen-1Apparaten(DS-100)Long Pipeline G1 DS-100 breuk U OLong Pipeline Breach G1 DS-100 breuk U O

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	3,09423E-08	100	0,15471238
207115,1	537257,7	4,8E-06	7,38633E-07
1			79,4648091
			0,153823938

Eesveen-1Apparaten(DS-100)Long Pipeline G1 DS-100 breuk U VLong Pipeline Breach G1 DS-100 breuk U V

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	7,38633E-07	100	0,153822938
207110,5	537258,6	7,64001E-10	1,0926E-11
1			0,00109619
			0,013340315

Eesveen-1Flowlines(Flowlines/Flowlines)Model Group (4 inch) (gezamelijk 4 putten)Long Pipeline L1 Flowline breuk D OLong Pipeline Breach L1 Flowline breuk D O

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,0180E-11	100	0,041109141
207110,5	537258,6	7,64001E-10	1,28024E-10
1			0,01383404
			0,168355736

Eesveen-1Flowlines(Flowlines/Flowlines)Model Group (4 inch) (gezamelijk 4 putten)Long Pipeline L1 Flowline breuk U OLong Pipeline Breach L1 Flowline breuk U O

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,28024E-10	100	0,160355736
207108	537257,5	7,64001E-10	1,30587E-10
2			0,01404517
			0,170925143

Eesveen-1Flowlines(Flowlines/Flowlines)Model Group (4 inch) (gezamelijk 4 putten)Long Pipeline L1 Flowline breuk U OLong Pipeline Breach L1 Flowline breuk U O

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	1,30587E-10	100	0,170925143
207110,5	537258,6	1,83497E-08	2,64325E-09
1			0,28429276
			0,14404905

Eesveen-1Flowlines(Flowlines/Flowlines)Model Group (4 inch) (gezamelijk 4 putten)Long Pipeline L1 Flowline breuk U VLong Pipeline Breach L1 Flowline breuk U V

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	2,64325E-09	100	0,1335943024
207108	537257,5	1,83497E-08	2,49451E-09
2			0,26829487
			0,135943038

Eesveen-1Flowlines(Flowlines/Flowlines)Model Group (ESV-1)Long Pipeline L1 Flowline breuk U OLong Pipeline Breach L1 Flowline breuk U O

Outcome Type Description	Total Risk ((Avg2Year))	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	2,49451E-09	100	0,1335943024
207110,4	537253,2	9,18566E-11	2,19567E-11
18			0,00236154
			0,022903254

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 derde stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-2 eerste stuk)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-3)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
19	Continuous release No rainout Immediate Horizontal Jet fire Only	2,19507E-11	100	0,035901174	0,00151891
		537254,8	9,18568E-10	1,41222E-11	
207208,2					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
20	Continuous release No rainout Immediate Horizontal Jet fire Only	1,41222E-11	100	0,047366382	0,00122968
		537285	9,18568E-10	1,14931E-11	
207206,9					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,14331E-11	100	0,038347083	0,00123937
		537263,1	1,29113E-09	1,15932E-11	
207300,3					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	1,15232E-11	100	0,027486774	0,0122259
		537237,8	1,29113E-09	1,57852E-11	
207204,2					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,57852E-11	100	0,037689741	0,01845407
		537266,8	1,04555E-09	1,82542E-11	
207099,2					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,82542E-11	100	0,040627588	0,01037468
		537270,7	7,56875E-10	9,646E-11	
207115,6					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	9,646E-11	100	0,127144376	0,01051279
		537273,3	7,56875E-10	9,77441E-11	
207114,2					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	9,77441E-11	100	0,13914712	0,01063919
		537275,8	7,56875E-10	9,89193E-11	
207113					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	9,89193E-11	100	0,133604408	0,01057234
		537278,1	7,56875E-10	9,82978E-11	
207111,7					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	9,82978E-11	100	0,125873244	0,01158241
		537270,7	7,56875E-10	1,07896E-10	
207115,6					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	1,07896E-10	100	0,142291218	0,01166959
		537273,3	7,56875E-10	1,085E-10	
207114,2					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,085E-10	100	0,143532116	0,01174865
		537275,8	7,56875E-10	1,09235E-10	
207113					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,09235E-10	100	0,144232381	0,01170711
		537278,1	7,56875E-10	1,08848E-10	
207111,7					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,08848E-10	100	0,143813103	0,01232273
		537270,2	8,19296E-10	1,14572E-10	
207119,2					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	1,14572E-10	100	0,138842256	0,01382616
		537273,3	8,19296E-10	1,28551E-10	
207122,5					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,28551E-10	100	0,156903741	0,01427851
		537277	8,19296E-10	1,32756E-10	
207122,3					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,32756E-10	100	0,162037166	0,01430609
		537279,6	8,19296E-10	1,33013E-10	
207120,8					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,33013E-10	100	0,16235099	0,01430377
		537282	8,19296E-10	1,32991E-10	
207119,6					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,32991E-10	100	0,162323835	0,01407371
		537283,6	8,19296E-10	1,30852E-10	
207117,7					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,30852E-10	100	0,159712965	0,00844649
		537270,2	1,96777E-08	7,85324E-11	
207119,2					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	7,85324E-11	100	0,01229636	0,1633948
		537273,3	1,96777E-08	1,51919E-09	
207122,5					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,51919E-09	100	0,077203251	0,20690784
		537277	1,96777E-08	1,92375E-09	
207122,3					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,92375E-09	100	0,09776295	0,20976277
		537279,6	1,96777E-08	1,9503E-09	
207120,8					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,9503E-09	100	0,099111889	0,20952616
		537282	1,96777E-08	1,9481E-09	
207119,6					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,9481E-09	100	0,099000094	0,18646117
		537283,6	1,96777E-08	1,73365E-09	
207117,7					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	1,73365E-09	100	0,088101998	0,01320199
		537270,2	8,19296E-10	1,22747E-10	
207119,2					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	1,22747E-10	100	0,148820418	0,01392973
		537273,3	8,19296E-10	1,29614E-10	
207122,5					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,29514E-10	100	0,158079104	0,01401151
		537277	8,19296E-10	1,30274E-10	
207122,3					
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

Continuous release No rainout Immediate Horizontal Jet fire Only1,30274E-101000,1590070830,014010180,158991989

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

Continuous release No rainout Immediate Horizontal Jet fire Only1,30262E-101000,1589919890,014010350,158993991

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

Continuous release No rainout Immediate Horizontal Jet fire Only1,30263E-101000,1589939911,30111E-100,013994020,158808011

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

Continuous release No rainout Immediate Horizontal Jet fire Only1,30111E-101000,1588080116,2626E-110,006735690,003182563

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

Continuous release No rainout Immediate Horizontal Jet fire Only6,2626E-111000,009805211,61886E-090,174115480,082268717

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

Continuous release No rainout Immediate Horizontal Jet fire Only1,61886E-091000,0822687092,01233E-090,216432380,012263259

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

Continuous release No rainout Immediate Horizontal Jet fire Only2,01231E-091000,102283252,03801E-090,219196620,013569345

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

Continuous release No rainout Immediate Horizontal Jet fire Only2,03801E-091000,1035693362,03867E-090,218966360,013460552

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

Continuous release No rainout Immediate Horizontal Jet fire Only2,03587E-091000,1034605421,82733E-090,196536640,082862614

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D OLong Pipeline Breach L1 Flowline break D O

Continuous release No rainout Immediate Horizontal Jet fire Only1,82733E-091000,0952862065,59696E-104,17354E-120,000448880,006326458

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D OLong Pipeline Breach L1 Flowline break D O

Continuous release No rainout Immediate Horizontal Jet fire Only4,17354E-121000,0154815065,59696E-107,4647E-110,001878410,028473902

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D OLong Pipeline Breach L1 Flowline break D O

Continuous release No rainout Immediate Horizontal Jet fire Only1,74847E-111000,0390262155,51055E-115,51055E-110,005926820,083531567

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D OLong Pipeline Breach L1 Flowline break D O

Continuous release No rainout Immediate Horizontal Jet fire Only5,51055E-111000,0835315675,51055E-117,66729E-110,008246490,116224561

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

Continuous release No rainout Immediate Horizontal Jet fire Only7,66729E-111000,0110224661,00295E-101,00295E-100,010787540,152037542

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

Continuous release No rainout Immediate Horizontal Jet fire Only1,00295E-101000,0,1552075421,00295E-101,00295E-100,011008190,155147446

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

Continuous release No rainout Immediate Horizontal Jet fire Only1,02356E-101000,0,1551474461,04192E-101,04192E-100,011206330,157939974

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

Continuous release No rainout Immediate Horizontal Jet fire Only1,04192E-101000,0,1579399741,06794E-101,06794E-100,011443150,161277716

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

Continuous release No rainout Immediate Horizontal Jet fire Only1,06794E-101000,0,1612777161,08696E-101,08696E-100,01172010,165180932

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

Continuous release No rainout Immediate Horizontal Jet fire Only1,08969E-101000,0,1651809321,08725E-101,08725E-100,01189380,164810295

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

Continuous release No rainout Immediate Horizontal Jet fire Only1,08725E-101000,0,1648102951,58445E-081,23255E-100,013256040,007778719

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

Continuous release No rainout Immediate Horizontal Jet fire Only1,23255E-101000,0,023905431,58445E-085,01537E-100,053942430,031653725

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

Continuous release No rainout Immediate Horizontal Jet fire Only5,01537E-101000,0,042337321,58445E-081,37247E-090,147614520,086621049

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

Continuous release No rainout Immediate Horizontal Jet fire Only1,37247E-091000,0,0866210381,58445E-081,84377E-090,198305010,11836652

Eesveen-1LeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D OLong Pipeline Breach NSL break D O

Continuous release No rainout Immediate Horizontal Jet fire Only1,84377E-091000,0,1183665075,37261E-109,15914E-101,04901E-100,011282510,114531156

Eesveen-1LeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D OLong Pipeline Breach NSL break D O

Continuous release No rainout Immediate Horizontal Jet fire Only1,04901E-101000,0,1145311635,37260E-109,15914E-109,217E-110,009913280,100631801

Eesveen-1LeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D OLong Pipeline Breach NSL break D O

Continuous release No rainout Immediate Horizontal Jet fire Only9,217E-111000,0,1006318075,46774E-111000,005880780,059697066

Eesveen-1LeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D OLong Pipeline Breach NSL break D O

Continuous release No rainout Immediate Horizontal Jet fire Only5,46774E-111000,0,059697075,37253E-109,15914E-112,85687E-110,003072680,031191427

Eesveen-1LeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D OLong Pipeline Breach NSL break D O

Continuous release No rainout Immediate Horizontal Jet fire Only2,85687E-111000,0,0488475485,37245E-109,15914E-114,53591E-120,000487860,004952335

Continuous release No rainout Immediate Horizontal Jet fire Only4,53591E-121000,0,015257634

Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O	1	207108.5	537247.9	1.45995E-09	2.51899E-10	0.02708847	0.17251198	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	2.51899E-10	100	0.17251198	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O	2	207114.6	537261.6	9.15914E-10	1.3529E-10	0.0436165	0.145788209	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	1.3529E-10	100	0.0436165	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O	3	207112.8	537260.4	9.15914E-10	1.48475E-10	0.01510868	0.15337143	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	1.48475E-10	100	0.01510868	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O	4	207109.8	537257.5	9.15914E-10	1.50085E-10	0.01614232	0.163864109	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	1.50085E-10	100	0.01614232	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O	5	207110.5	537253.7	9.15914E-10	1.53438E-10	0.0165029	0.167524519	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	1.53438E-10	100	0.0165029	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O	6	207110.7	537249.5	9.15914E-10	1.56493E-10	0.01683153	0.170860423	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	1.56493E-10	100	0.01683153	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U O\Long Pipeline Breach NSL break U O	7	207107.5	537248.9	9.15914E-10	1.57964E-10	0.01688966	0.172465655	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	1.57964E-10	100	0.01688966	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	1	207108.5	537247.9	3.50649E-08	3.95959E-09	0.42587061	0.112802192	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	1.57964E-10	100	0.112802192	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	2	207114.6	537261.6	2.19983E-08	3.49802E-09	0.37622643	0.15901316	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	3.49802E-09	100	0.37622643	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	3	207112.8	537260.4	2.19983E-08	3.49802E-09	0.3665466	0.154921953	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	3.49802E-09	100	0.3665466	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	4	207109.8	537257.5	2.19983E-08	3.16789E-09	0.3407194	0.144006014	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	3.16789E-09	100	0.3407194	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	5	207110.5	537253.7	2.19983E-08	3.06246E-09	0.3233325	0.13665771	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	3.06246E-09	100	0.3233325	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	6	207110.7	537249.5	2.19983E-08	2.74895E-09	0.29562193	0.124945443	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	2.74895E-09	100	0.29562193	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Above\Long Pipeline NSL break U V\Long Pipeline Breach NSL break U V	7	207107.5	537248.9	2.19983E-08	2.4463E-09	0.2684806	0.113477234	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Horizontal Jet fire Only	2.4463E-09	100	0.2684806	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	1	207112.1	537244.1	1.12101E-09	3.15633E-10	0.00394763	0.281561722	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	3.15633E-10	100	0.00394763	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	2	207114.8	537241.2	1.12101E-09	3.0518E-10	0.0028975	0.27253882	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	3.0518E-10	100	0.0028975	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	3	207118	537241.5	1.12101E-09	3.1927E-10	0.00397927	0.261824136	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	3.1927E-10	100	0.00397927	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	4	207121.9	537245.1	1.12101E-09	0.9647E-10	0.00371454	0.30855479	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	0.9647E-10	100	0.00371454	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	5	207125.7	537248.6	1.12101E-09	3.72998E-10	0.00401428	0.332707907	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	3.72998E-10	100	0.00401428	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	6	207129.5	537252.2	1.12101E-09	0.97172E-10	0.00428715	0.35557627	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	0.97172E-10	100	0.00428715	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	7	207133.3	537295.7	1.12101E-09	0.98207E-10	0.004580895	0.379939497	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	0.98207E-10	100	0.004580895	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	8	207137.1	537298.3	1.12101E-09	0.981234889	0.00505008	0.422580052	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	0.981234889	100	0.00505008	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	9	207140.9	537292.8	1.12101E-09	0.975684554	0.00562951	0.472173478	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	0.975684554	100	0.00562951	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	10	207144.8	537268.4	1.12101E-09	0.972692388	0.00634991	0.527912515	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	0.972692388	100	0.00634991	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	11	207148.6	537269.9	1.12101E-09	6.6203E-10	0.007133028	0.591613489	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	6.6203E-10	100	0.007133028	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg O	12	207152.4	537273.4	1.12101E-09	0.984271574	0.0085318	0.667930942	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	0.984271574	100	0.0085318	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg V	1	207112.1	537244.1	2.69242E-08	3.2006E-09	0.34417992	0.118854433	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	3.2006E-09	100	0.118854433	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg V	2	207114.8	537241.2	2.69242E-08	3.01744E-09	0.32453807	0.112071581	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	3.01744E-09	100	0.112071581	
Eesveen-1\LeadingIn\Export leading\Export leading\Mode Group Below\Long Pipeline NSL break O\Long Pipeline Breach NSL break O\Onderg V	3	207118	537241.5	2.69242E-08	0.921935355	0.30611534	0.116009951	Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome
								Continuous release No rainout Immediate Vertical Jet fire Only	0.921935355	100	0.116009951	

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Eesveen-1\Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL breuk Onderg V\Long Pipeline Breach NSL breuk Onderg V

Outdoor vulnerability

2,13182E-06

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Vertical Jet fire Only		3,1250E-09	100	0,544031133	
4	207121,9	537245,1	2,69242E-08	3,48779E-09	0,37512655

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Vertical Jet fire Only		3,40775E-09	100	0,562684393	
5	207125,7	537248,6	2,69242E-08	4,97961E-09	0,53557795

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Vertical Jet fire Only		4,97961E-09	100	0,939711974	
6	207129,5	537252,2	2,69242E-08	6,2757E-09	0,67497765

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Vertical Jet fire Only		6,2757E-09	100	0,946931626	
7	207133,3	537255,7	2,69242E-08	7,21002E-09	0,77546759

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Vertical Jet fire Only		7,21002E-09	100	0,954265441	
8	207137,1	537259,3	2,69242E-08	7,96916E-09	0,85711652

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Vertical Jet fire Only		7,96916E-09	100	0,977925497	
9	207140,9	537262,8	2,69242E-08	8,86213E-09	0,93164899

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Vertical Jet fire Only		8,86213E-09	100	0,98035415	
10	207144,8	537266,4	2,69242E-08	9,59413E-09	1,03188929

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Vertical Jet fire Only		9,59413E-09	100	0,965225276	
11	207148,6	537269,9	2,69242E-08	1,07294E-08	1,15398703

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Vertical Jet fire Only		1,07294E-08	100	0,968769786	
12	207152,4	537273,4	2,69242E-08	1,17934E-08	1,26842764

Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Vertical Jet fire Only		1,17934E-08	100	0,974833534	

Model Name	Location Index	Model East [m]	Model North [m]	Model Frequency (/Avg/Year)	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Eesveen-1\Apparaten\DS-100\Long Pipeline G1 DS-100 breuk D O\Long Pipeline Breach G1 DS-100 breuk D O	1	207115,1	537257,7	2E-07	3,29056E-08	1,5435438	0,164527844

Continuous release No rainout Immediate Horizontal Jet fire Only	9,82226E-11	100	0,106930378
19 207108,2	537254,6	9,18566E-10	9,27991E-11 0,00435305 0,10102601

20	207106,9	537255	9,18568E-10	8,62429E-11	0,00404551	0,093888631
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1	207100,3	537262,1	1,29113E-09	3,07542E-11	0,00144263	0,023819623
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2	207104,2	537257,9	1,29113E-09	3,6776E-11	0,0017251	0,028483554
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1	207100,3	537262,1	1,29113E-09	1,11269E-10	0,00521945	0,086179773
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2	207104,2	537257,9	1,29113E-09	1,20504E-10	0,00565261	0,093331893
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1	207099,2	537266,6	1,04555E-09	3,89545E-11	0,00182729	0,037257456
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2	207095,7	537267,3	1,04555E-09	1,42445E-11	0,00066819	0,013623934
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3	207092,1	537267,8	1,04555E-09	3,14726E-12	0,00014763	0,003010153
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1	207099,2	537266,6	1,04555E-09	1,08481E-10	0,00508865	0,103754806
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2	207095,7	537267,3	1,04555E-09	7,28896E-11	0,00341913	0,069714181
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3	207092,1	537267,8	1,04555E-09	3,488E-11	0,00163616	0,033360403
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1	207092,4	537264,3	8,62264E-10	2,33018E-11	0,00109305	0,027024005
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2	207096,1	537260,3	8,62264E-10	3,01775E-11	0,00141558	0,034998013
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3	207098,5	537258,8	8,62264E-10	4,17895E-11	0,00196027	0,048464862
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4	207097,5	537261,1	8,62264E-10	4,62511E-11	0,00216956	0,053639144
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5	207094,2	537264,7	8,62264E-10	3,66189E-11	0,00171773	0,042468326
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6	207092,9	537267,1	8,62264E-10	3,65317E-11	0,00171364	0,042367162
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7	Continuous release No rainout Immediate Horizontal Jet fire Only	3,6531E-11	100	0,04236/199		
	207095,3	537265,4	8,62264E-10	5,11816E-11	0,00240084	0,059357167

8	207097,8	537263,8	8,62264E-10	6,5095E-11	0,00305349	0,075493091
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1	Continuous release No rainout Immediate Horizontal Jet fire Only	6,5095E-11	100	0,075493087		
	207092,4	537264,3	8,62264E-10	1,93977E-11	0,000909991	0,022496185

2	207096.1	537260.3	8.62264E-10	2.70711E-11	0.00126986	0.031395332
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3	207098,5	537258,8	8,62264E-10	3,73448E-11	0,00175178	0,043310173
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4	Continuous release No rainout Immediate Horizontal Jet fire Only	3,73448E-11	100	0,04331017
	207097,5	537261,1	8,62264E-10	4,22266E-11 0,00198078 0,048917104

5	Continuous release No rainout Immediate Horizontal Jet fire Only	4,22266E-11	100	0,048971701	
	207094,2	537264,7	8,62264E-10	3,33594E-11	0,00156483 0,038688139

6	Continuous release No rainout Immediate Horizontal Jet fire Only	3,33594E-11	100	0,038688137
	207092,9	537267,1	8,62264E-10	3,32651E-11 0,00156041 0,038578745

7	Continuous release No rainout Immediate Horizontal Jet fire Only	3,32651E-11	100	0,038578742		
	207095,3	537265,4	8,62284E-10	4,81408E-11	0,0022582	0,055830717

Continuous release No rainout Immediate Horizontal Jet fire Only	4,61408E-11	100	0,055830713	
8	207097,8	537263,8	8,62264E-10	6,12351E-11 0,00287243 0,071016651

Outcome Type Description	Total Risk (/AvgYear)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Horizontal Jet fire Only	6,12351E-11		100 0,071016646

		207115.6	537270.7		7,568756-10		1,419135-10	0.00665691	0.187499004
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,419135-10		100	0.1357495042				
2		207114.2	537273.3		7,568756-10		1,419135-10	0.00671047	0.189007661
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,440555-10		100	0.1390076915				
3		207113	537275.8		7,568756-10		1,440716-10	0.00675846	0.190359476
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,440716-10		100	0.1390359476				
4		207111.7	537278.1		7,568756-10		1,43538E-10	0.00673313	0.189645946
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,43538E-10		100	0.1396459465				
1		207115.6	537270.7		1,81785E-08		5,02224E-10	0.02355847	0.076273759
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	0,02224E-10		100	0.0276273577				
2		207114.2	537273.3		1,81785E-08		6,04359E-10	0.02834946	0.032345814
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	6,04359E-10		100	0.0323458111				
3		207113	537275.8		1,81785E-08		6,91683E-10	0.03245655	0.038049483
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	6,91683E-10		100	0.0338049479				
4		207111.7	537278.1		1,81785E-08		6,45619E-10	0.03028489	0.035515259
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	6,45619E-10		100	0.0355152526				
1		207115.6	537270.7		7,568756-10		1,491817E-10	0.00699809	0.197108671
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,491817E-10		100	0.1971086715				
2		207114.2	537273.3		7,568756-10		1,49888E-10	0.00703099	0.198035352
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,49888E-10		100	0.1980353523				
3		207113	537275.8		7,568756-10		1,50514E-10	0.00706034	0.198682183
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,50514E-10		100	0.1986821833				
4		207111.7	537278.1		7,568756-10		1,50181E-10	0.00704474	0.198422834
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,50181E-10		100	0.198422834				
1		207115.6	537270.7		1,81785E-08		5,46432E-10	0.02563221	0.030059259
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	5,46432E-10		100	0.0300592526				
2		207114.2	537273.3		1,81785E-08		6,60553E-10	0.03121996	0.036612091
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	6,60553E-10		100	0.030612087				
3		207113	537275.8		1,81785E-08		7,0384E-10	0.0361374	0.042376847
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	7,0384E-10		100	0.042376843				
4		207111.7	537278.1		1,81785E-08		7,0948E-10	0.0322809	0.039028985
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	7,0948E-10		100	0.039028981				
1		207119.2	537270.2		8,19296E-10		1,825E-10	0.00762261	0.198341205
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,825E-10		100	0.198341205				
2		207122.5	537273.3		8,19296E-10		1,7419E-10	0.0081871	0.12889264
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,7419E-10		100	0.212889264				
3		207122.3	537277		8,19296E-10		1,7782E-10	0.00834273	0.217078975
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,7782E-10		100	0.217078975				
4		207120.8	537279.8		8,19296E-10		1,7606E-10	0.00835271	0.217398747
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,7606E-10		100	0.217398747				
5		207119.8	537282		8,19296E-10		1,79047E-10	0.00835189	0.217317262
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,79047E-10		100	0.217317262				
6		207117.7	537283.6		8,19296E-10		1,7678E-10	0.00826891	0.215158242
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,7678E-10		100	0.215158242				
1		207119.2	537270.2		1,96777E-08		1,46454E-08	0.06887578	0.074401016
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	1,46454E-08		100	0.074401009				
2		207122.5	537273.3		1,96777E-08		2,7813E-08	0.1239207	0.140168152
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	2,7813E-08		100	0.14016814				
3		207122.3	537277		1,96777E-08		3,1195E-08	0.14033337	0.158532619
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	3,1195E-08		100	0.158532605				
4		207120.8	537279.8		1,96777E-08		3,14387E-08	0.14747345	0.159707744
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	3,14387E-08		100	0.159707729				
5		207119.6	537282		1,96777E-08		3,14184E-08	0.14737828	0.159664645
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	3,14184E-08		100	0.15966463				
6		207117.7	537283.6		1,96777E-08		2,94781E-08	0.1382674	0.149794224
	Outcome Type Description	Total Risk / (Avg/year)		Pct. Risk	Risk / Outcome				
	Continuous release No rainout Immediate Horizontal Jet fire Only	2,94781E-08		100	0.149794211				
1		207119.2	537270.2		8,19296E-10		1,967E-10	0.007821	0.203503422

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,6873E-10	100	0,203503426	
2	207122,5	537273,3	8,19296E-10	1,72193E-10	0,00807728 0,21017192

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,72193E-10	100	0,21017122	
3	207122,3	537277	8,19296E-10	1,7303E-10	0,00809778 0,210705223

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,7203E-10	100	0,210705223	
4	207120,8	537270,6	8,19296E-10	1,72902E-10	0,00809645 0,210670799

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,7204E-10	100	0,210670799	
5	207119,6	537282	8,19296E-10	1,72094E-10	0,00809657 0,210673865

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,7204E-10	100	0,210673865	
6	207117,7	537283,6	8,19296E-10	1,72599E-10	0,00809634 0,210667913

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,72599E-10	100	0,210667913	
1	207119,2	537270,2	1,96777E-08	1,54963E-09	0,07289028 0,078750186

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,54963E-09	100	0,078750179	
2	207122,5	537273,3	1,96777E-08	2,8248E-09	0,13250646 0,143553009

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		2,8248E-09	100	0,143552996	
3	207122,3	537277	1,96777E-08	3,17222E-09	0,14880357 0,161208748

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		3,17222E-09	100	0,161208734	
4	207120,8	537279,6	1,96777E-08	3,19542E-09	0,14989177 0,16238767

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		3,19542E-09	100	0,162387655	
5	207119,6	537282	1,96777E-08	3,19349E-09	0,14980127 0,162289627

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		3,19349E-09	100	0,162289612	
6	207117,7	537283,6	1,96777E-08	3,00765E-09	0,14108378 0,152845398

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		3,00765E-09	100	0,152845384	
1	207106,7	537256,8	6,59696E-10	2,64852E-11	0,00124237 0,040147522

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		2,64852E-11	100	0,040147522	
2	207107,5	537256,1	6,59696E-10	4,02932E-11	0,00189008 0,061078356

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		4,02932E-11	100	0,061078356	
3	207108,3	537259,5	6,59696E-10	5,35505E-11	0,00251243 0,081189612

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		5,35505E-11	100	0,081189612	
4	207109,6	537261,3	6,59696E-10	7,24533E-11	0,00339866 0,10982824

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		7,24533E-11	100	0,10982824	
5	207112,8	537264,3	6,59696E-10	9,91951E-11	0,00465307 0,150364879

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break D O\Long Pipeline Breach L1 Flowline break D O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		9,91951E-11	100	0,150364879	
6	207115,9	537267,2	6,59696E-10	1,17248E-10	0,0054999 0,177730271

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break D V\Long Pipeline Breach L1 Flowline break D V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,17248E-10	100	0,177730271	
6	207115,9	537267,2	1,58445E-08	1,20643E-10	0,00565916 0,067614205

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,20643E-10	100	0,007614204	
1	207106,7	537256,8	6,59696E-10	1,97031E-10	0,00642787 0,207717703

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,97031E-10	100	0,207717703	
2	207107,5	537258,1	6,59696E-10	1,98818E-10	0,00651173 0,210427811

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,98818E-10	100	0,210427811	
3	207108,3	537259,5	6,59696E-10	1,40463E-10	0,00658883 0,212919289

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,40463E-10	100	0,212919289	
4	207109,6	537261,3	6,59696E-10	1,42413E-10	0,00668043 0,215879155

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,42413E-10	100	0,215879255	
5	207112,8	537264,3	6,59696E-10	1,44867E-10	0,00678459 0,219581287

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,44867E-10	100	0,215881287	
6	207115,9	537267,2	6,59696E-10	1,45007E-10	0,00682022 0,219808316

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,45007E-10	100	0,219808316	
1	207106,7	537256,8	1,58445E-08	6,79699E-10	0,03188353 0,04289816

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		6,79699E-10	100	0,042898156	
2	207107,5	537258,1	1,58445E-08	1,00046E-09	0,04731364 0,063658827

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,00046E-09	100	0,063658819	
3	207108,3	537259,5	1,58445E-08	1,33066E-09	0,06255988 0,084172096

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Outcome Type Description		Total Risk (Avg/Year)	Pct. Risk	Risk / Outcome	
Continuous release No rainout Immediate Horizontal Jet fire Only		1,33066E-09	100	0,084172087	
4	207109,6	537261,3	1,58445E-08	1,77034E-09	0,08304344 0,111731994

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

Eesveen-1\Flowlines\Flowlines\Model Group (gezamenlijk ESV-3 en ESV-4)\Long Pipeline L1 Flowline break U V\Long Pipeline Breach L1 Flowline break U V

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Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,77034E-09	100	0,111731962	
	207112,8	537264,3	1,58443E-08	2,36509E-09	0,11094244 0,149299109
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	2,36509E-09	100	0,145269592	
	207115,9	537267,2	1,58443E-08	2,76073E-09	0,12964483 0,174432508
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	2,76379E-09	100	0,174432489	
	207108,5	537247,9	1,45993E-09	6,76219E-11	0,00317203 0,046318016
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	6,76219E-11	100	0,04631302	
	207114,6	537261,6	9,15914E-10	1,63639E-10	0,00768539 0,178880042
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,63639E-10	100	0,178880053	
	207112,8	537260,4	9,15914E-10	1,53603E-10	0,00718135 0,167148225
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	1,53603E-10	100	0,167148226	
	207109,8	537257,5	9,15914E-10	1,25773E-10	0,00589981 0,137320151
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	1,25773E-10	100	0,137320159	
	207110,5	537253,7	9,15914E-10	1,06337E-10	0,00498811 0,116099844
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	1,06337E-10	100	0,116099851	
	207110,7	537249,5	9,15914E-10	7,34147E-11	0,00344376 0,080154579
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
7	Continuous release No rainout Immediate Horizontal Jet fire Only	7,34147E-11	100	0,080154584	
	207107,5	537248,9	9,15914E-10	4,39363E-11	0,00206097 0,047969866
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	4,39363E-11	100	0,047969869	
	207114,6	537261,6	2,19983E-08	4,72777E-12	0,00022177 0,000214916
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	4,72777E-12	100	0,003124919	
	207108,5	537247,9	1,45993E-09	3,38096E-10	0,01585773 0,231554703
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	3,38096E-10	100	0,231554721	
	207114,6	537261,6	9,15914E-10	1,98628E-10	0,00931728 0,216862857
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	1,98628E-10	100	0,21686287	
	207112,8	537260,4	9,15914E-10	2,02683E-10	0,00950752 0,221290724
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	2,02683E-10	100	0,221290738	
	207109,8	537257,5	9,15914E-10	2,08275E-10	0,00976982 0,227958883
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	2,08275E-10	100	0,227958907	
	207110,5	537253,7	9,15914E-10	2,10164E-10	0,00985845 0,229458613
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	2,10164E-10	100	0,229458627	
	207110,7	537249,5	9,15914E-10	2,11637E-10	0,00992752 0,231066216
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
7	Continuous release No rainout Immediate Horizontal Jet fire Only	2,11637E-10	100	0,23106623	
	207107,5	537248,9	9,15914E-10	2,12084E-10	0,0090485 0,23155468
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	2,12084E-10	100	0,231554684	
	207108,5	537247,9	3,50649E-08	6,11972E-09	0,28706571 0,174526856
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Horizontal Jet fire Only	6,11972E-09	100	0,174526856	
	207114,6	537261,6	2,19983E-08	4,70561E-09	0,22073191 0,213907873
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Horizontal Jet fire Only	4,70561E-09	100	0,231907908	
	207112,8	537260,4	2,19983E-08	4,62645E-09	0,21701896 0,210309704
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Horizontal Jet fire Only	4,62645E-09	100	0,210309738	
	207109,8	537257,5	2,19983E-08	4,41929E-09	0,20730148 0,200892647
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
5	Continuous release No rainout Immediate Horizontal Jet fire Only	4,41929E-09	100	0,200892679	
	207110,5	537253,7	2,19983E-08	4,28027E-09	0,20078001 0,194572794
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
6	Continuous release No rainout Immediate Horizontal Jet fire Only	4,28027E-09	100	0,194572825	
	207110,7	537249,5	2,19983E-08	4,06121E-09	0,19050426 0,184614724
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
7	Continuous release No rainout Immediate Horizontal Jet fire Only	4,06121E-09	100	0,184614754	
	207107,5	537248,9	2,19983E-08	3,84834E-09	0,18056576 0,174983482
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
1	Continuous release No rainout Immediate Horizontal Jet fire Only	3,84834E-09	100	0,17498351	
	207112,1	537244,1	1,12101E-09	6,16216E-10	0,02890561 0,549698053
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
2	Continuous release No rainout Immediate Vertical Jet fire Only	6,16216E-10	100	0,549698216	
	207114,8	537241,2	1,12101E-09	6,07396E-10	0,02849191 0,541830737
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
3	Continuous release No rainout Immediate Vertical Jet fire Only	6,07396E-10	100	0,541830998	
	207118	537243,5	1,12101E-09	6,23669E-10	0,02926464 0,556525609
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	
4	Continuous release No rainout Immediate Vertical Jet fire Only	6,23669E-10	100	0,556525774	
	207121,9	537245,1	1,12101E-09	6,60466E-10	0,03096146 0,589174397
Outcome Type Description		Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome	

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' O\Long Pipeline Breach NSL break Ouderg' O

Continuous release No rainout Immediate Vertical Jet fire Only
5 207125,7 6,60409E-10 537248,6 1,12101E-09 100 0,588914572 7,12906E-10 0,03344121 0,635951458

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' O\Long Pipeline Breach NSL break Ouderg' O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	7,12906E-10	100	0,635951457
	537252,2	1,12101E-09	7,89075E-10

6 207129,5

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' O\Long Pipeline Breach NSL break Ouderg' O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	7,89075E-10	100	0,703886013
	537255,7	1,12101E-09	8,45602E-10

7 207133,3

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' O\Long Pipeline Breach NSL break Ouderg' O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	8,45602E-10	100	0,754323201
	537259,3	1,12101E-09	8,97349E-10

8 207137,1

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' O\Long Pipeline Breach NSL break Ouderg' O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	8,97349E-10	100	0,800484809
	537262,8	1,12101E-09	9,39097E-10

9 207140,9

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' O\Long Pipeline Breach NSL break Ouderg' O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	9,39097E-10	100	0,837728416
	537266,4	1,12101E-09	1,00548E-09

10 207144,8

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' O\Long Pipeline Breach NSL break Ouderg' O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,00548E-09	100	0,8984947357
	537269,9	1,12101E-09	1,02722E-09

11 207148,6

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' O\Long Pipeline Breach NSL break Ouderg' O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,02722E-09	100	0,916323275
	537273,4	1,12101E-09	1,04892E-09

12 207152,4

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,04892E-09	100	0,9358918094
	537244,1	2,69242E-08	9,64917E-09

1 207112,1

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	9,64917E-09	100	0,459217561
	537243,2	2,69242E-08	9,41619E-09

2 207114,8

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	9,41619E-09	100	0,4536079236
	537243,5	2,69242E-08	9,69659E-09

3 207118

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	9,69659E-09	100	0,4497136173
	537245,1	2,69242E-08	1,04465E-08

4 207121,9

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,04465E-08	100	0,423174108
	537248,6	2,69242E-08	1,16959E-08

5 207125,7

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,16959E-08	100	0,432822087
	537252,2	2,69242E-08	1,28245E-08

6 207129,5

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,28245E-08	100	0,4763218428
	537255,7	2,69242E-08	1,40295E-08

7 207133,3

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,40295E-08	100	0,5236174175
	537259,3	2,69242E-08	1,54865E-08

8 207137,1

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,54865E-08	100	0,5735261523
	537262,8	2,69242E-08	1,69851E-08

9 207140,9

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,69851E-08	100	0,635847586
	537266,4	2,69242E-08	1,90339E-08

10 207144,8

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,90339E-08	100	0,706944574
	537269,9	2,69242E-08	2,06675E-08

11 207148,6

Eesveen-1Leidingen\Export leiding\Export leiding\Model Group Below\Long Pipeline NSL break Ouderg' V\Long Pipeline Breach NSL break Ouderg' V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	2,06675E-08	100	0,767898345
	537273,4	2,69242E-08	2,17625E-08

12 207152,4

Eesveen-1Putonderhoud\ESV-2\Long Pipeline ESV-2 blow out Casing O\Long Pipeline Breach ESV-2 blow out Casing O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	2,17625E-08	100	0,8058288589
	537268,4	8,13E-08	4,91623E-09

1 207102,4

Eesveen-1Putonderhoud\ESV-3\Long Pipeline ESV-3 blow out Casing O\Long Pipeline Breach ESV-3 blow out Casing O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	4,91623E-09	100	0,09850443
	537278,8	8,13E-08	1,35673E-08

1 207112,8

Eesveen-1Putonderhoud\ESV-3\Long Pipeline ESV-3 blow out Casing V\Long Pipeline Breach ESV-3 blow out Casing V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,35673E-08	100	0,223185601
	537278,8	1,95E-06	3,95929E-08

1 207112,8

Eesveen-1Putonderhoud\ESV-4\Long Pipeline ESV-4 blow out Casing O\Long Pipeline Breach ESV-4 blow out Casing O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	3,95929E-08	100	0,0582951581
	537282,4	8,13E-08	1,87267E-08

1 207116,7

Eesveen-1Putonderhoud\ESV-4\Long Pipeline ESV-4 blow out Casing V\Long Pipeline Breach ESV-4 blow out Casing V

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,87267E-08	100	0,308057971
	537282,4	1,95E-06	9,03211E-08

1 207116,7

Eesveen-1Putonderhoud\ESV-4\Long Pipeline ESV-4 blow out Tubing O\Long Pipeline Breach ESV-4 blow out Tubing O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	9,03211E-08	100	0,099637127
	537282,4	2,2E-06	1,52331E-08

1 207116,7

Eesveen-1Putten (Productie)\ESV-2\Long Pipeline ESV-2 blow out verticaal O\Long Pipeline Breach ESV-2 blow out verticaal O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	1,52331E-08	100	0,039276827
	537269,4	1,32E-06	9,75996E-09

1 207102,4

Eesveen-1Putten (Productie)\ESV-3\Long Pipeline ESV-3 blow out verticaal O\Long Pipeline Breach ESV-3 blow out verticaal O

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	9,75996E-09	100	0,041319423
	537278,8	1,32E-06	7,90497E-08

1 207112,8

Outcome Type Description	Total Risk (/Avg/Year)	Pct. Risk	Risk / Outcome
Continuous release No rainout Immediate Vertical Jet fire Only	7,90497E-08	100	0,112300032

Eesveen-1\Putten (Productie)\ESV-3\Long Pipeline ESV-3 blow out verticaal V\Long Pipeline Breach ESV-3 blow out verticaal V

Eesveen-1/Putten (Productie)ESV-4/Long Pipeline ESV-4 blow out verticaal O/Long Pipeline Breach ESV-4 blow out verticaal O

Eesveen-1\Putten (Productie)ESV-4\Long Pipeline ESV-4 blow out verticaal V\Long Pipeline Breach ESV-4 blow out verticaal V

1	207112.8	537278.8	3,168E-05	1.08841E-07	5,10554008	0.003435635
Outcome Type Description						
Total Risk (Avg/Year)			Pct. Risk	Risk / Outcome		
Continuous release No without immediate Vertical jet fire Only			1.08841E-07	100	0.034942139	
2	207110.7	537282.4	1.32E-06	1.28883E-07	6,045868247	0.097636688
Outcome Type Description						
Total Risk (Avg/Year)			Pct. Risk	Risk / Outcome		
Continuous release No without immediate Vertical jet fire Only			1.28883E-07	100	0.03707818	
3	207110.7	537282.4	3.168E-05	2.61899E-07	12,28525050	0.008260726
Outcome Type Description						
Total Risk (Avg/Year)			Pct. Risk	Risk / Outcome		
Continuous release No without immediate Vertical jet fire Only			2.61899E-07	100	0.039823997	



BILFINGER

Bijlage 4. Societal Risk Ranking Report

Group Name	Group Type	Total Risk Integral (/Avg/Year)
1	Combination	3,54341E-07

		Location Index	Model East [m]	Model North [m]	Model Frequency [1/Avg/Year]	Average Fatalities	Risk Integral Percentage	Risk Integral [1/Avg/Year]	Zero Deaths [1/Avg/Year]	1.000000E+000 [1/Avg/Year]
Eveeven-1\Aparaten\DS-100\Long Pipeline G1 DS-100 break D O\Long Pipeline Breach G1 DS-100 break D O		1	207115,1	537257,7	2E-07	0,019686675	1,111171506	3,93733E-09	6,59591E-08	1,30408E-07

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D O\Long Pipeline Breach L1 Flowline break D O

17207110,23537249,79,185666E-100,0159962830,0041467541,46936E-11005,20521E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,028228736	0,14214237	4,96913E-12	100	1,46936E-11	5,20521E-10
	537253,25	9,18566E-10	0,012088924	0,002393973	1,2023E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D O\Long Pipeline Breach L1 Flowline break D O

18207110,39537253,259,185666E-100,0120889240,0023939731,2023E-1105,05211E-100

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,023798040	0,126525292	4,96913E-12	100	1,2023E-11	5,05211E-10
	537254,6	9,18566E-10	0,010422116	0,00270175	9,5734E-12	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D O\Long Pipeline Breach L1 Flowline break D O

19207108,170,0237980400,1265252924,96913E-121001,2023E-115,05211E-1004,74593E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,020171837	0,115042285	4,96913E-12	100	9,5734E-12	4,74593E-10
	537255	9,18566E-10	0,009366611	0,002428129	8,60385E-12	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D O\Long Pipeline Breach L1 Flowline break D O

20207106,940,0201718370,1150422854,96913E-121009,5734E-124,74593E-1004,74593E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,018128926	0,104002948	4,96913E-12	100	8,60385E-12	4,74593E-10
	537243,94	2,3062E-08	2,3062E-08	2,0322E-09	7,20395E-10	2,33956E-09

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

1207076,170,0181289260,1040029484,96913E-121008,60385E-124,74593E-102,33956E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	3,07787E-09	1,84332E-08	1,15948E-10	100	7,20093E-10	2,33956E-09
	53742,1	2,3062E-08	1,30039E-08	7,49189E-08	2,65405E-10	1,8369E-09

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

2207076,770,307787E-091,84332E-081,15948E-101007,20093E-102,33956E-093,677E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	7,2191E-08	5,04126E-07	1,15948E-10	100	2,65405E-10	9,877E-09
	537242	2,3062E-08	4,67267E-09	3,03383E-08	1,07501E-10	1,8369E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

3207075,830,72191E-085,04126E-071,15948E-101002,65405E-109,877E-093,677E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	2,12705E-07	1,15948E-10	1,07501E-10	100	2,671E-09	2,671E-09
	537241,06	2,3062E-08	1,56243E-09	9,72903E-09	3,44794E-17	1,91204E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

4207073,920,212705E-071,15948E-101,07501E-101002,671E-092,671E-092,9416E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	1,1713E-01	1,32484E-06	1,15948E-10	100	3,44704E-17	2,3616E-08
	537238,3	2,3062E-08	1,69172E-09	1,0533E-08	3,73226E-17	1,88455E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

5207070,870,11713E-011,32484E-061,15948E-101003,44704E-172,3616E-083,21603E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	1,16934E-08	8,64304E-08	1,15948E-10	100	3,73226E-17	2,2355E-09
	537235,3	2,3062E-08	5,70025E-08	3,54905E-07	1,25759E-15	1,72819E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

6207071,030,116934E-088,64304E-081,15948E-101003,73226E-172,2355E-094,7801E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	2,6308E-07	1,5932E-06	1,15948E-10	100	1,25759E-15	4,7801E-09
	537231,94	2,3062E-08	3,51045E-06	2,18568E-05	7,74474E-14	1,50707E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

7207074,140,26308E-071,5932E-061,15948E-101001,25759E-154,7801E-096,9863E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	1,1084E-05	0,00205366	1,15948E-10	100	7,74474E-14	6,9803E-09
	537228,6	2,3062E-08	0,000369664	0,001911219	6,77232E-12	1,36049E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

8207077,230,11084E-050,002053661,15948E-101007,74474E-146,9803E-098,4571E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,000800775	0,008959272	1,15948E-10	100	6,77232E-12	8,4571E-09
	537225,25	2,3062E-08	0,001620423	0,010399987	3,57498E-11	1,22534E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

9207060,340,0008007750,0089592721,15948E-101006,77232E-128,4571E-099,8085E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,003464756	0,025312534	1,15948E-10	100	3,57498E-11	9,8085E-09
	537253,3	2,3062E-08	0,002650891	0,016504991	5,84839E-11	1,6374E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

10207063,780,0034647560,0253125341,15948E-101003,57498E-119,8085E-091,04346E-08

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,006160185	0,034471871	1,15948E-10	100	5,84839E-11	1,04246E-08
	537228,8	2,3062E-08	0,000256261	0,016325213	5,79436E-11	1,1013E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

11207087,560,0061601850,0344718711,15948E-101005,84839E-111,04246E-081,05439E-08

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,004695441	0,029450221	1,15948E-10	100	5,79436E-11	1,05439E-08
	537232,25	2,3062E-08	0,002050422	0,016215689	5,74587E-11	1,13987E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

12207091,340,0046954410,0294502211,15948E-101005,79436E-111,05439E-081,06633E-08

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,003335592	0,013335592	1,15948E-10	100	5,74587E-11	1,06633E-08
	537235,75	2,3062E-08	0,002577297	0,016046781	5,68603E-11	1,13987E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

13207095,120,0033355920,0133355921,15948E-101005,74587E-111,06633E-081,06633E-08

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,005323239	0,013847591	1,15948E-10	100	5,68603E-11	1,06633E-08
	537239,25	2,3062E-08	0,002560675	0,015943289	5,64396E-11	1,1704E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

14207098,890,0053232390,0138475911,15948E-101005,68603E-111,06633E-081,02956E-08

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,005487161	0,013806123	1,15948E-10	100	5,64396E-11	1,02956E-08
	537242,7	2,3062E-08	0,002532639	0,015769977	5,58759E-11	1,1804E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

15207102,670,0054871610,0138061231,15948E-101005,64396E-111,02956E-081,02526E-08

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,00545026	0,027454567	1,15948E-10	100	5,58759E-11	1,02526E-08
	537246,2	2,3062E-08	0,00251068	0,015632007	5,53906E-11	1,1793E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

16207106,450,005450260,0274545671,15948E-101005,58759E-111,02526E-081,0269E-08

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,005393956	0,03208713	1,15948E-10	100	5,53906E-11	1,0269E-08
	537249,7	2,3062E-08	0,002485071	0,015472564	5,48256E-11	1,04246E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

17207110,230,0053939560,032087131,15948E-101005,53906E-111,0269E-081,04246E-08

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,005295925	0,028887737	1,15948E-10	100	5,48256E-11	1,04246E-08
	537253,25	2,3062E-08	0,01239054	0,008548336	3,06433E-11	1,22534E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

18207110,390,0052959250,0288877371,15948E-101005,48256E-111,04246E-089,8085E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,003124248	0,022919928	1,15948E-10	100	5,48256E-11	9,8085E-09
	537254,6	2,3062E-08	0,000030988	0,003786342	1,34158E-11	1,2986E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

19207108,170,0031242480,0229199281,15948E-101005,48256E-119,8085E-099,0731E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,00473681278	0,15948E-10	1,15948E-10	100	5,48256E-11	9,0731E-09
	537256,8	2,3062E-08	0,000374629	0,00233762	8,26947E-12	1,36049E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break D V\Long Pipeline Breach L1 Flowline break D V

20207106,940,004736812780,15948E-101,15948E-101005,48256E-119,0731E-098,4571E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,006077815	0,010359572	1,15948E-10	100	5,3947E-12	8,4071E-10
	537243,94	9,18566E-10	0,003484701	0,000903347	3,20093E-12	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline Break U O\Long Pipeline Breach L1 Flowline break U O

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

6207071.03537235,39,185666E-100,005525030,0014322675,07511E-1206,31571E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,008035692	0,07988704	4,96913E-12	100	5,07511E-12	6,31571E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537231,94	9,18566E-10	0,009528448	0,002470082	8,75251E-12	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

7207074,34537231,940,1136395894,96913E-121008,75251E-1205,94474E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,014723126	0,113639589	4,96913E-12	100	8,75251E-12	5,94474E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537228,6	9,18566E-10	0,014373249	0,003729011	1,32028E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

8207077,230,0147231260,1136395894,96913E-121008,75251E-1205,94474E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,027140133	0,142539166	4,96913E-12	100	1,32028E-11	4,86407E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537225,25	9,18566E-10	0,019660627	0,005176073	1,83409E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

9207080,34537225,250,1425391664,96913E-121001,32028E-114,86407E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,034845118	0,173324987	4,96913E-12	100	1,83409E-11	5,26356E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537225,3	9,18566E-10	0,022837123	0,005949044	2,10938E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

10207083,780,0348451180,1733249874,96913E-121001,83409E-115,26356E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,039320782	0,18710053	4,96913E-12	100	2,10938E-11	5,3583E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537228,8	9,18566E-10	0,020268686	0,006257568	2,08074E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

11207087,560,0393207820,187100534,96913E-121002,10938E-115,3583E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,039186895	0,18566E-10	4,96913E-12	100	2,08074E-11	5,3583E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537232,25	9,18566E-10	0,022810376	0,005913239	2,09593E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

12207091,340,0391868950,18566E-104,96913E-121002,08074E-115,3583E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,0391037429	0,18566E-10	4,96913E-12	100	2,06356E-11	5,3363E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537225,75	9,18566E-10	0,022743740	0,005895915	2,08916E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

13207095,120,03910374290,18566E-104,96913E-121002,06356E-115,3363E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,038685021	0,18566E-10	4,96913E-12	100	2,09916E-11	5,3503E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537239,25	9,18566E-10	0,022714981	0,005887813	2,08429E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

14207098,890,0386850210,18566E-104,96913E-121002,09916E-115,3503E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,038635699	0,185432227	4,96913E-12	100	2,08028E-11	5,3583E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537242,7	9,18566E-10	0,022621883	0,005864402	2,078E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

15207302,670,0386356990,1854322274,96913E-121002,08028E-115,3583E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,038780887	0,185846306	4,96913E-12	100	2,078E-11	5,3583E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537246,2	9,18566E-10	0,022574378	0,005852099	2,07361E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

16207306,450,0387808870,1858463064,96913E-121002,078E-115,3583E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,038698936	0,185527459	4,96913E-12	100	2,07361E-11	5,3583E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537249,7	9,18566E-10	0,0224878E-11	0,005829775	2,06573E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

17207310,230,0386989360,1855274594,96913E-121002,07361E-115,3583E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,038551906	0,18496749	4,96913E-12	100	2,06573E-11	5,3583E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537253,25	9,18566E-10	0,02221298	0,00499278	1,7568E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

18207310,390,0385519060,184967494,96913E-121002,06573E-115,3583E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,034947798	0,169454202	4,96913E-12	100	1,7568E-11	5,05211E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537254,8	9,18566E-10	0,019896278	0,004173678	1,47058E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

19207308,170,0349477980,1694542024,96913E-121001,7568E-115,05211E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,026265961	0,13270734	4,96913E-12	100	1,47058E-11	5,05211E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537255	9,18566E-10	0,018484658	0,003845213	1,36358E-11	0

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

20207306,940,0262659610,132707344,96913E-121001,47058E-115,05211E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,0243712551	0,126558E-11	4,96913E-12	100	1,36358E-11	4,76616E-10
Continuous release No rainout Immediate Horizontal Jet fire Only	537245,94	2,0662E-08	4,90622E-10	3,05096E-09	1,08285E-17	1,95322E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

1207076,170,02437125510,126558E-114,96913E-121001,36358E-114,76616E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	4,26042E-08	1,53456E-08	1,76125E-10	1,82982E-17	2,52976E-09	2,52976E-09
Continuous release No rainout Immediate Horizontal Jet fire Only	537242,1	2,2062E-08	1,86165E-08	1,03458E-07	3,86594E-16	1,82619E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

2207076,770,4,26042E-081,53456E-081,76125E-101,82982E-172,52976E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	9,64689E-08	5,29486E-07	8,91612E-11	100	3,68094E-16	3,60713E-09
Continuous release No rainout Immediate Horizontal Jet fire Only	537242	2,2062E-08	8,87055E-09	4,27775E-08	1,51578E-16	1,83856E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

3207075,830,9,64689E-085,29486E-078,91612E-111003,68094E-163,60713E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	4,12233E-08	2,54765E-07	9,91612E-11	100	1,51578E-16	3,677E-09
Continuous release No rainout Immediate Horizontal Jet fire Only	537241,06	2,2062E-08	2,34022E-09	1,45708E-08	5,16302E-17	1,90738E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

4207073,920,4,12233E-082,54765E-079,91612E-111001,51578E-163,677E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	1,72786E-08	9,84064E-08	1,76125E-10	100	5,16302E-17	2,9861E-09
Continuous release No rainout Immediate Horizontal Jet fire Only	537238,3	2,2062E-08	2,55362E-09	1,59012E-08	5,63445E-17	1,87062E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

5207070,970,1,72786E-089,84064E-081,76125E-101005,16302E-172,9861E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	1,67902E-08	1,11119E-07	1,76125E-10	100	5,63445E-17	3,3508E-09
Continuous release No rainout Immediate Horizontal Jet fire Only	537235,3	2,2062E-08	6,94788E-08	4,32589E-07	1,53284E-15	1,72819E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

6207071,030,1,67902E-081,11119E-071,76125E-101005,63445E-173,3508E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	3,20671E-07	1,97467E-06	1,19348E-10	100	1,53284E-15	4,7801E-09
Continuous release No rainout Immediate Horizontal Jet fire Only	537231,94	2,3062E-08	3,67119E-08	2,28625E-09	8,10113E-14	1,50757E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

7207074,140,3,20671E-071,97467E-061,19348E-101001,53284E-154,7801E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	1,13957E-05	0,000243089	1,19348E-10	100	8,10113E-14	6,983E-09
Continuous release No rainout Immediate Horizontal Jet fire Only	537228,8	2,3062E-08	0,000340889	0,002167149	7,6791E-12	1,36066E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

8207077,230,1,13957E-050,0002430891,19348E-101008,10113E-146,983E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,000905064	0,000224544	1,19348E-10	100	7,6791E-12	1,4371E-09
Continuous release No rainout Immediate Horizontal Jet fire Only	537225,25	2,2062E-08	0,001574592	0,01029549	3,8717E-11	1,21341E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

9207080,340,0,0009050640,0002245441,19348E-101007,6791E-121,4371E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,000809821	0,000423986	1,19348E-10	100	3,8717E-11	9,5275E-09
Continuous release No rainout Immediate Horizontal Jet fire Only	537225,3	2,2062E-08	0,002839431	0,01778881	6,26435E-11	1,14654E-08

Eesveen-1\Flowlines\Flowlines\Model Group (ESV-1)\Long Pipeline L1 Flowline break U O\Long Pipeline Breach L1 Flowline break U O

10207083,780,0,0008098210,0004239861,19348E-101003,8717E-119,5275E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (/Ave/Year)	Risk Integral Percentage	Risk Integral (/Ave/Year)	1.000000E+000 (/Ave/Year)
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Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break D O/Long Pipeline Breach L1 Flowline break D O	7	207096,3	537263,44	8,62264E-10	0,001890583	0,00046006	1,63018E-12	0	6,51464E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,00250237	0,64574727	4,66457E-12	100	6,53464E-12	6,53464E-12		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break D O/Long Pipeline Breach L1 Flowline break D O	8	207097,81	537263,75	8,62264E-10	0,00341436	0,000630807	2,94389E-12	0	6,54574E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,004508014	0,062395379	4,66457E-12	100	2,94389E-12	6,45474E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break D V/Long Pipeline Breach L1 Flowline break D V	2	207096,08	537260,3	2,07097E-08	8,18849E-08	4,78641E-07	1,69002E-15	1,63097E-08	4,40003E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			3,805457E-07	3,36702E-06	1,12033E-10	100	1,69002E-15	4,40003E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break D V/Long Pipeline Breach L1 Flowline break D V	3	207098,55	537258,8	2,07097E-08	7,42192E-07	4,33786E-06	1,53706E-14	1,4842E-08	5,86776E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			2,6195E-06	2,86706E-05	1,12033E-10	100	1,53706E-14	5,86776E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break D V/Long Pipeline Breach L1 Flowline break D V	4	207097,5	537261,06	2,07097E-08	1,21949E-07	7,12738E-07	2,5252E-15	1,63097E-08	4,40003E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			5,73978E-07	4,80308E-06	1,12033E-10	100	2,5252E-15	4,40003E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break D V/Long Pipeline Breach L1 Flowline break D V	5	207094,17	537264,75	2,07097E-08	4,99412E-11	2,91886E-10	1,03427E-18	2,03605E-08	3,49274E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			2,9612E-09	6,80179E-09	1,12033E-10	100	1,03427E-18	3,49274E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break D V/Long Pipeline Breach L1 Flowline break D V	7	207095,3	537265,44	2,07097E-08	6,38773E-11	3,7339E-10	1,32208E-18	2,03618E-08	4,48132E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			2,50198E-09	7,86038E-09	1,12033E-10	100	1,32208E-18	4,48132E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break D V/Long Pipeline Breach L1 Flowline break D V	8	207097,81	537263,75	2,07097E-08	1,89032E-08	1,10481E-07	3,9148E-18	1,7140E-08	3,5636E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			1,20631E-07	1,0381E-06	1,12033E-10	100	3,9148E-18	3,5636E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break D V/Long Pipeline Breach L1 Flowline break D V	1	207092,36	537264,3	8,62264E-10	0,00131763	0,00033876	1,25007E-12	0	6,22483E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,001891072	0,033354249	1,89032E-08	1,10481E-07	6,22483E-10	6,22483E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	2	207096,08	537260,3	8,62264E-10	0,00424307	0,00125222	3,6885E-12	0	6,22895E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,006873628	0,067627998	4,66457E-12	100	3,6885E-12	6,22895E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	3	207098,55	537258,8	8,62264E-10	0,00642238	0,00154385	5,46877E-12	0	6,06385E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,009018648	0,086453444	4,66457E-12	100	5,46877E-12	6,06385E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	4	207097,5	537261,06	8,62264E-10	0,004526491	0,00110491	3,90303E-12	0	6,19636E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,009028914	0,070227962	4,66457E-12	100	3,90303E-12	6,19636E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	5	207094,17	537264,75	8,62264E-10	0,001737225	0,004422742	1,49795E-12	0	6,19717E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,000417147	0,038522316	4,66457E-12	100	1,49795E-12	6,19717E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	6	207092,94	537267,06	8,62264E-10	0,000983996	0,00223949	8,48460E-13	0	6,32327E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,003148113	0,024715579	4,66457E-12	100	8,48460E-13	6,32327E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	7	207095,3	537265,44	8,62264E-10	0,00183889	0,00447724	1,58947E-12	0	6,27925E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,002528141	0,040305374	4,66457E-12	100	1,58947E-12	6,27925E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	8	207097,81	537263,75	8,62264E-10	0,00335669	0,00031692	2,89384E-12	0	6,14331E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,004710553	0,038460886	4,66457E-12	100	2,89384E-12	6,14331E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U V/Long Pipeline Breach L1 Flowline break U V	2	207096,08	537260,3	2,07097E-08	8,18849E-08	3,85836E-08	1,36717E-18	0	3,45162E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			3,10009E-08	2,34028E-07	1,12033E-10	100	1,36717E-18	3,4516E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U V/Long Pipeline Breach L1 Flowline break U V	3	207098,55	537258,8	2,07097E-08	1,82423E-07	1,06024E-06	3,77811E-15	0	5,17744E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			7,229727E-07	4,72544E-06	1,12033E-10	100	3,77811E-15	5,17744E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U V/Long Pipeline Breach L1 Flowline break U V	4	207097,5	537261,06	2,07097E-08	1,23272E-08	7,20475E-08	2,55234E-16	1,72981E-08	3,45162E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			7,28633E-08	1,4038E-07	1,3085E-11	100	2,55234E-16	3,4516E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-2 tweede stuk)/Long Pipeline L1 Flowline break U V/Long Pipeline Breach L1 Flowline break U V	8	207097,81	537263,75	2,07097E-08	9,30751E-10	1,77529E-09	6,2906E-18	1,85515E-08	2,15828E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			2,81403E-09	1,44489E-08	1,87207E-10	100	6,2906E-18	2,15828E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-3)/Long Pipeline L1 Flowline break D O/Long Pipeline Breach L1 Flowline break D O	1	207115,56	537270,7	7,56875E-10	0,00443466	0,000949128	3,36315E-12	0	4,82314E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,007274399	0,05000789	4,09446E-12	100	3,36315E-12	4,82314E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-3)/Long Pipeline L1 Flowline break D O/Long Pipeline Breach L1 Flowline break D O	2	207114,17	537273,25	7,56875E-10	0,002088472	0,000576396	2,04241E-12	0	5,38791E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,00379072	0,048431955	4,09446E-12	100	2,04241E-12	5,38791E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-3)/Long Pipeline L1 Flowline break D O/Long Pipeline Breach L1 Flowline break D O	3	207113,03	537275,8	7,56875E-10	0,001450797	0,000309891	1,09807E-12	0	5,92844E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,00185221	0,03301487	4,09446E-12	100	1,09807E-12	5,92844E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-3)/Long Pipeline L1 Flowline break D O/Long Pipeline Breach L1 Flowline break D O	4	207111,67	537278,1	7,56875E-10	0,000905217	0,0002129275	4,58074E-13	0	6,1119E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,000749479	0,020534811	4,09446E-12	100	4,58074E-13	6,1119E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-3)/Long Pipeline L1 Flowline break D V/Long Pipeline Breach L1 Flowline break D V	1	207115,56	537270,7	1,81785E-08	1,11331E-06	5,70129E-06	3,20202E-14	1,36279E-08	5,15958E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			4,30288E-07	1,6898E-06	8,83896E-11	100	3,20202E-14	4,34403E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-3)/Long Pipeline L1 Flowline break D V/Long Pipeline Breach L1 Flowline break D V	2	207114,17	537273,25	1,81785E-08	1,23071E-07	6,31302E-07	2,27704E-15	1,36308E-08	4,54463E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			4,30288E-07	1,6898E-06	8,83896E-11	100	2,27704E-15	4,34403E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-3)/Long Pipeline L1 Flowline break D V/Long Pipeline Breach L1 Flowline break D V	3	207113,03	537275,8	1,81785E-08	4,04266E-09	2,07408E-08	7,34931E-17	1,521E-18	2,96854E-09
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			2,47975E-08	1,5838E-07	9,3455E-11	100	7,34931E-17	2,96854E-09		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-3)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	1	207115,56	537270,7	7,56875E-10	0,00844596	0,00164692	6,54288E-12	0	6,30488E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,003077805	0,043019676	4,09446E-12	100	6,54288E-12	6,30488E-10		
Esseen-1	Flowlines/Flowlines/Flowlines/Model Group (ESV-3)/Long Pipeline L1 Flowline break U O/Long Pipeline Breach L1 Flowline break U O	2	207114,17	537273,25	7,56875E-10	0,006202087	0,00132477	4,6942E-12	0	6,45851E-10
Outcome Type Description										
Continuous release No rainout immediate Horizontal Jet fire Only			Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Aveq/Year)	Risk Integral Percentage	Risk Integral (Aveq/Year)	1,000000E+000 (Aveq/Year)		
			0,00726244	0,085024502	4,09446E-12	100	4,6942E-12	6,45851E-10		

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-3)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

3207113.03537275.87.56879E-100.0042990910.0009192893.25387E-1206.53409E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.004979839	0.060944987	4.09445E-12	100	3.26387E-12	6.53409E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-3)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

4207111.67537278.17.56879E-100.0027597330.0005894812.08877E-1206.52776E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.003199832	0.050028486	4.09445E-12	100	2.08877E-12	6.52776E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-3)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

1207115.56537275.71.81785E-081.23089E-066.31473E-062.23757E-121.27802E-085.39234E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	4.14951E-06	4.00027E-05	9.83399E-11	100	2.23757E-12	5.39234E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-3)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

2207114.17537273.251.81785E-081.45401E-077.45942E-072.64318E-151.36339E-084.54463E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	5.81808E-07	3.7406E-06	9.83399E-11	100	2.64318E-15	4.54463E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-3)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

3207113.03537275.81.81785E-082.7639E-069.79363E-171.50856E-083.09289E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	3.1695E-08	1.69906E-07	1.46771E-10	100	9.79363E-17	3.09289E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D OLong Pipeline Breach L1 Flowline break D O

1207119.39537270.28.19296E-100.006047410.0035273286.43124E-1205.2332E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.010840216	0.165041725	4.43213E-12	100	5.43213E-12	5.2332E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D OLong Pipeline Breach L1 Flowline break D O

2207122.53537273.30.0008090320.0035446685.47239E-1205.46197E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.010022903	0.163227906	4.43213E-12	100	5.47239E-12	5.46197E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D OLong Pipeline Breach L1 Flowline break D O

3207122.281.8296E-100.004050290.0031214493.97382E-1205.46197E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.007273433	0.064747	4.43213E-12	100	3.97382E-12	5.46197E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D OLong Pipeline Breach L1 Flowline break D O

4207120.83537279.568.19296E-100.0032359380.0007482042.65119E-1206.35959E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.004168906	0.047151328	4.43213E-12	100	2.65119E-12	6.35959E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D OLong Pipeline Breach L1 Flowline break D O

5207119.61537281.948.19296E-100.0022422430.0005184441.83706E-1206.58869E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.002783978	0.03001771	4.43213E-12	100	1.83706E-12	6.58869E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D OLong Pipeline Breach L1 Flowline break D O

6207117.69537283.568.19296E-100.0033223250.0003130791.1067E-1206.58869E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.001677146	0.02321794	4.43213E-12	100	1.1067E-12	6.58869E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D VLong Pipeline Breach L1 Flowline break D V

1207119.39537270.28.19277E-080.0002120587.55403E-131.27950E-086.88721E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.000109102	0.002291179	1.0645E-10	100	7.55408E-13	6.88721E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D VLong Pipeline Breach L1 Flowline break D V

2207122.53537273.31.96777E-080.0001898636.6851E-131.31185E-086.55925E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.0001091919	0.002189868	1.0645E-10	100	6.6851E-13	6.55925E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D VLong Pipeline Breach L1 Flowline break D V

3207122.281.96777E-080.04255E-065.78981E-062.05157E-141.41034E-085.57536E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	3.79797E-06	4.67261E-05	1.0645E-10	100	2.05157E-14	5.57536E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D VLong Pipeline Breach L1 Flowline break D V

4207120.83537278.568.19277E-080.0001898636.6851E-131.31185E-086.55925E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	4.83578E-07	2.26407E-06	5.4327E-07	100	1.9211E-10	4.26351E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D VLong Pipeline Breach L1 Flowline break D V

5207119.61537281.941.96777E-082.6973E-091.4980E-085.30833E-171.51456E-084.53611E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	1.1702E-08	1.2648E-07	5.3963E-12	100	4.53611E-09	4.53611E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break D VLong Pipeline Breach L1 Flowline break D V

6207117.69537283.568.19677E-080.84977E-124.91458E-111.74144E-191.85314E-081.14037E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	1.51908E-10	8.18496E-10	1.7688E-10	100	1.74144E-19	1.14037E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

1207119.39537270.28.19296E-100.0116225770.0026873379.52233E-121.14637E-096.53665E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.014567597	0.13472412	4.43213E-12	100	9.52233E-12	6.53665E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

2207122.53537273.38.19296E-100.0126757050.0029308381.03852E-116.75251E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.010359698	0.123036762	4.43213E-12	100	1.03852E-11	6.75251E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

3207122.285372778.19296E-100.0108336030.0025049138.87993E-1206.82747E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.013000323	0.103597302	4.43213E-12	100	8.87959E-12	6.82747E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

4207120.83537279.568.19296E-100.008060370.002007117.11201E-1206.88906E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.010323634	0.08330946	4.43213E-12	100	7.11201E-12	6.88906E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

5207119.61537281.948.19296E-100.0071843890.0016611525.88614E-1207.03853E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.00862745	0.060941042	4.43213E-12	100	5.88614E-12	7.03853E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U OLong Pipeline Breach L1 Flowline break U O

6207117.69537283.568.19296E-100.005497150.0012718345.85979E-1207.06612E-10

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.008937918	0.053207128	4.43213E-12	100	4.50979E-12	7.06612E-10

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

1207119.39537270.28.19677E-084.31157E-050.0002394368.4942E-131.27950E-086.88721E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.000123188	0.003337792	1.0645E-10	100	8.4942E-13	6.88721E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

2207122.53537273.33.95345E-050.0002195487.77949E-131.30501E-086.62759E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	0.0001378	0.00223835	1.0645E-10	100	7.77949E-13	6.62759E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

3207122.285372778.19677E-081.14215E-066.34275E-062.4375E-141.40176E-085.60018E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	3.97071E-06	4.75483E-05	1.0645E-10	100	2.2475E-14	5.60018E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

4207120.83537279.568.19677E-081.16164E-076.45097E-072.28584E-151.52808E-084.38796E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	5.20937E-07	2.87702E-06	1.0645E-10	100	2.28584E-15	4.38796E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

5207119.61537281.941.96777E-084.09334E-092.27317E-088.05478E-171.46291E-085.04861E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	1.09544E-08	1.60999E-07	8.8448E-11	100	8.05478E-17	5.04861E-09

Evensew-1FlowlinesFlowlinesFlowlinesModel Group (ESV-4)Long Pipeline L1 Flowline break U VLong Pipeline Breach L1 Flowline break U V

6207117.69537283.568.19677E-081.39609E-117.75293E-112.74718E-191.82250E-081.44853E-09

Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (AugsYear)	Risk Integral Percentage	Risk Integral (AugsYear)	1.000000E+000 (AugsYear)
Continuous release No rainout Immediate Horizontal Jet fire Only	1.89652E-10	8.49436E-10	3.11486E-10	100	2.74718E-19	1.44853E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D OILong Pipeline Breach L1 Flowline break D O

1	207106,73	537256,8	6,59696E-10	0,007939563	0,001478153	5,2377E-12	0	3,34807E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,015649917	0,063712889	3,56874E-12	100	5,2377E-12	3,34807E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D OILong Pipeline Breach L1 Flowline break D O

2	207107,52	537258,1	6,59696E-10	0,007547313	0,001405125	4,97893E-12	0	3,27627E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,015158074	0,051422472	3,56874E-12	100	4,97893E-12	3,27627E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D OILong Pipeline Breach L1 Flowline break D O

3	207108,3	537259,5	6,59696E-10	0,007808235	0,001319842	4,67674E-12	0	3,18853E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,014667382	0,067072313	3,56874E-12	100	4,67674E-12	3,18853E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D OILong Pipeline Breach L1 Flowline break D O

4	207109,58	537261,4	6,59696E-10	0,006989321	0,001248505	4,41888E-12	0	3,18853E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,013852387	0,084304865	3,56874E-12	100	4,41888E-12	3,18853E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D OILong Pipeline Breach L1 Flowline break D O

5	207112,75	537264,25	6,59696E-10	0,006073457	0,001232435	4,40245E-12	0	3,72148E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,011829859	0,084578741	3,56874E-12	100	4,40245E-12	3,72148E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D OILong Pipeline Breach L1 Flowline break D O

6	207115,94	537267,2	6,59696E-10	0,006665238	0,001239229	4,38196E-12	0	4,04039E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,010868501	0,104611403	3,56874E-12	100	4,38196E-12	4,04039E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D VILong Pipeline Breach L1 Flowline break D V

1	207106,73	537256,8	1,58445E-08	0,000145318	0,00005798	2,36866E-12	1,01206E-08	5,72393E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,000413232	0,205944129	0,57139E-11	100	2,36866E-12	5,72393E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D VILong Pipeline Breach L1 Flowline break D V

2	207107,52	537258,1	1,58445E-08	0,000105042	0,000470594	1,06751E-12	1,02998E-08	5,54557E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,000300901	0,004805059	0,57139E-11	100	1,06751E-12	5,54557E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D VILong Pipeline Breach L1 Flowline break D V

3	207108,3	537259,5	1,58445E-08	0,000098505	0,000030357	1,07567E-12	1,02998E-08	5,54557E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,000100397	0,003383693	0,57139E-11	100	1,07567E-12	5,54557E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D VILong Pipeline Breach L1 Flowline break D V

4	207109,58	537261,4	1,58445E-08	0,000186111	0,000450513	1,05635E-12	1,05635E-08	5,2815E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,000124983	0,003485053	0,57139E-11	100	1,05635E-12	5,2815E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D VILong Pipeline Breach L1 Flowline break D V

5	207112,75	537264,25	1,58445E-08	0,000186715	0,0003600613	6,02500E-13	1,03846E-08	5,45866E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,000121176	0,002575117	0,57139E-11	100	6,01606E-13	5,45866E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break D VILong Pipeline Breach L1 Flowline break D V

6	207115,94	537267,2	1,58445E-08	0,000181137	0,00041843E-12	6,01606E-13	1,02998E-08	5,54557E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,00011574	0,002481284	0,57139E-11	100	6,01606E-13	5,54557E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OILong Pipeline Breach L1 Flowline break U O

1	207106,73	537256,8	6,59696E-10	0,059421889	0,011062904	3,92034E-11	0	6,59696E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,009421889	0,430420642	3,56874E-12	100	3,92034E-11	6,59696E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OILong Pipeline Breach L1 Flowline break U O

2	207107,52	537258,1	6,59696E-10	0,059403318	0,011060718	3,9231E-11	0	6,59696E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,009453118	0,430421458	3,56874E-12	100	3,9231E-11	6,59696E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OILong Pipeline Breach L1 Flowline break U O

3	207108,3	537259,5	6,59696E-10	0,05936715	0,011058566	3,92625E-11	0	6,59696E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,009497115	0,432030083	3,56874E-12	100	3,92625E-11	6,59696E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OILong Pipeline Breach L1 Flowline break U O

4	207109,58	537261,4	6,59696E-10	0,060478409	0,011259602	3,98974E-11	0	6,56022E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,00937153	0,433856984	3,56874E-12	100	3,98974E-11	6,56022E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OILong Pipeline Breach L1 Flowline break U O

5	207112,75	537264,25	6,59696E-10	0,064099489	0,011933761	4,22862E-11	0	6,53661E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,0094691394	0,430065884	3,56874E-12	100	4,22862E-11	6,53661E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U OILong Pipeline Breach L1 Flowline break U O

6	207115,94	537267,2	6,59696E-10	0,068465006	0,012746679	4,51667E-11	0	6,58022E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,008795	0,439343375	3,56874E-12	100	4,51667E-11	6,58022E-10

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U VILong Pipeline Breach L1 Flowline break U V

1	207106,73	537256,8	1,58445E-08	0,008200365	0,008668247	1,29931E-10	8,04508E-09	7,79891E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,016660091	0,084007493	0,57139E-11	100	1,29931E-10	7,79891E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U VILong Pipeline Breach L1 Flowline break U V

2	207107,52	537258,1	1,58445E-08	0,007816431	0,034895147	1,23847E-10	8,18832E-09	7,65817E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,016171926	0,091692906	0,57139E-11	100	1,23847E-10	7,65817E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U VILong Pipeline Breach L1 Flowline break U V

3	207108,3	537259,5	1,58445E-08	0,007361791	0,032918532	1,16644E-10	8,18832E-09	7,65817E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,015231293	0,087078222	0,57139E-11	100	1,16644E-10	7,65817E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U VILong Pipeline Breach L1 Flowline break U V

4	207109,58	537261,4	1,58445E-08	0,006948768	0,031073874	1,101E-10	8,18832E-09	7,65817E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,014376798	0,08523047	0,57139E-11	100	1,101E-10	7,65817E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U VILong Pipeline Breach L1 Flowline break U V

5	207112,75	537264,25	1,58445E-08	0,006803328	0,031031332	1,08893E-10	8,8714E-09	8,97309E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,012440946	0,08409772	0,57139E-11	100	1,08893E-10	8,97309E-09

Eesveen-1FlowlinesFlowlinesFlowlinesModel Group (gezamenlijk ESV-3 en ESV-4)Long Pipeline L1 Flowline break U VILong Pipeline Breach L1 Flowline break U V

6	207115,94	537267,2	1,58445E-08	0,006910526	0,030900883	1,09484E-10	6,14034E-09	9,70415E-09
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,011893932	0,084434897	0,57139E-11	100	1,09484E-10	9,70415E-09

Eesveen-1LeidingenExport leidingExport leidingModel Group Above/Long Pipeline NSL break D OILong Pipeline Breach NSL break D O

1	207108,45	537247,94	1,49895E-09	0,022505054	0,00684718	3,43169E-11	0	8,5793E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,009996688	0,195335631	0,195335631	100	3,43169E-11	8,5793E-10

Eesveen-1LeidingenExport leidingExport leidingModel Group Above/Long Pipeline NSL break D OILong Pipeline Breach NSL break D O

2	207114,58	537261,56	9,15914E-10	0,015357536	0,004016021	1,4231E-11	0	6,08022E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only	0,022405464	0,154826784	0,9548E-12	100	1,4231E-11	6,08022E-10

Eesveen-1LeidingenExport leidingExport leidingModel Group Above/Long Pipeline NSL break D OILong Pipeline Breach NSL break D O

3	207112,83	537260,44	9,15914E-10	0,015140747	0,003913637	1,38676E-11	0	5,95526E-10
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Outcome Type Description	Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities (Augs/Year)	Risk Integral Percentage	Risk Integral (Augs/Year)	1,000000E+000 (Augs/Year)
Continuous release No rainout Immediate Horizontal Jet fire Only</						

Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D OLong Pipeline Breach NSL break D O	6	20710.7	537249.5	9.15914E-10	0.02397152	0.005196249	2.19558E-11	0	5.41315E-10
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.04505185	0.159135485	4.9548E-12	100	2.19558E-11	2.19558E-11	0	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D OLong Pipeline Breach NSL break D O	7	207107.47	537248.94	9.15914E-10	0.021535714	0.005566633	1.97249E-11	0	5.34283E-10
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.0036918388	0.188365737	4.9548E-12	100	1.97249E-11	1.97249E-11	0	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	1	207108.45	537247.94	3.50649E-08	0.003128514	0.01285114	1.10856E-10	1.81108E-08	1.8948E-08
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.000540942	0.045164314	1.88996E-10	100	1.10856E-10	1.8948E-08	1.8948E-08	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	2	207114.58	537261.56	2.19983E-08	0.000736881	0.004574724	1.62101E-11	1.31996E-08	8.79931E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001842203	0.018050886	1.19040E-10	100	1.62101E-11	8.79931E-09	8.79931E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	3	207112.83	537260.44	2.19983E-08	0.000566569	0.004076088	1.44454E-11	1.31996E-08	8.79931E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001641648	0.017018619	1.19040E-10	100	1.44454E-11	8.79931E-09	8.79931E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	4	207109.84	537257.5	2.19983E-08	0.000989191	0.004322112	1.53151E-11	1.38232E-08	9.16595E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001670859	0.017509962	1.19040E-10	100	1.53151E-11	9.16595E-09	9.16595E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	5	207110.5	537253.75	2.19983E-08	0.001763761	0.010495766	3.87995E-11	1.20991E-08	8.99232E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.003919447	0.029629031	1.19040E-10	100	3.87995E-11	9.89923E-09	9.89923E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	6	20710.7	537249.5	9.15914E-10	0.02397152	0.005196249	2.19558E-11	0	5.41315E-10
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.04505185	0.159135485	4.9548E-12	100	2.19558E-11	2.19558E-11	0	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	7	207107.47	537248.94	9.15914E-10	0.021535714	0.005566633	1.97249E-11	0	5.34283E-10
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.0036918388	0.188365737	4.9548E-12	100	1.97249E-11	1.97249E-11	0	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	1	207108.45	537247.94	3.50649E-08	0.003128514	0.01285114	1.10856E-10	1.81108E-08	1.8948E-08
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.000540942	0.045164314	1.88996E-10	100	1.10856E-10	1.8948E-08	1.8948E-08	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	2	207114.58	537261.56	2.19983E-08	0.000736881	0.004574724	1.62101E-11	1.31996E-08	8.79931E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001842203	0.018050886	1.19040E-10	100	1.62101E-11	8.79931E-09	8.79931E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	3	207112.83	537260.44	2.19983E-08	0.000566569	0.004076088	1.44454E-11	1.31996E-08	8.79931E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001641648	0.017018619	1.19040E-10	100	1.44454E-11	8.79931E-09	8.79931E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	4	207109.84	537257.5	2.19983E-08	0.000989191	0.004322112	1.53151E-11	1.38232E-08	9.16595E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001670859	0.017509962	1.19040E-10	100	1.53151E-11	9.16595E-09	9.16595E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	5	207110.5	537253.75	2.19983E-08	0.001763761	0.010495766	3.87995E-11	1.20991E-08	8.99232E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.003919447	0.029629031	1.19040E-10	100	3.87995E-11	9.89923E-09	9.89923E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	6	20710.7	537249.5	9.15914E-10	0.02397152	0.005196249	2.19558E-11	0	5.41315E-10
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.04505185	0.159135485	4.9548E-12	100	2.19558E-11	2.19558E-11	0	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	7	207107.47	537248.94	9.15914E-10	0.021535714	0.005566633	1.97249E-11	0	5.34283E-10
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.0036918388	0.188365737	4.9548E-12	100	1.97249E-11	1.97249E-11	0	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	1	207108.45	537247.94	3.50649E-08	0.003128514	0.01285114	1.10856E-10	1.81108E-08	1.8948E-08
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.000540942	0.045164314	1.88996E-10	100	1.10856E-10	1.8948E-08	1.8948E-08	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	2	207114.58	537261.56	2.19983E-08	0.000736881	0.004574724	1.62101E-11	1.31996E-08	8.79931E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001842203	0.018050886	1.19040E-10	100	1.62101E-11	8.79931E-09	8.79931E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	3	207112.83	537260.44	2.19983E-08	0.000566569	0.004076088	1.44454E-11	1.31996E-08	8.79931E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001641648	0.017018619	1.19040E-10	100	1.44454E-11	8.79931E-09	8.79931E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	4	207109.84	537257.5	2.19983E-08	0.000989191	0.004322112	1.53151E-11	1.38232E-08	9.16595E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001670859	0.017509962	1.19040E-10	100	1.53151E-11	9.16595E-09	9.16595E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	5	207110.5	537253.75	2.19983E-08	0.001763761	0.010495766	3.87995E-11	1.20991E-08	8.99232E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.003919447	0.029629031	1.19040E-10	100	3.87995E-11	9.89923E-09	9.89923E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	6	20710.7	537249.5	9.15914E-10	0.02397152	0.005196249	2.19558E-11	0	5.41315E-10
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.04505185	0.159135485	4.9548E-12	100	2.19558E-11	2.19558E-11	0	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break D VLong Pipeline Breach NSL break D V	7	207107.47	537248.94	9.15914E-10	0.021535714	0.005566633	1.97249E-11	0	5.34283E-10
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.0036918388	0.188365737	4.9548E-12	100	1.97249E-11	1.97249E-11	0	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break U OLong Pipeline Breach NSL break U O	1	207108.45	537247.94	3.50649E-08	0.003128514	0.01285114	1.10856E-10	1.81108E-08	1.8948E-08
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.000540942	0.045164314	1.88996E-10	100	1.10856E-10	1.8948E-08	1.8948E-08	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break U OLong Pipeline Breach NSL break U O	2	207114.58	537261.56	2.19983E-08	0.000736881	0.004574724	1.62101E-11	1.31996E-08	8.79931E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001842203	0.018050886	1.19040E-10	100	1.62101E-11	8.79931E-09	8.79931E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break U OLong Pipeline Breach NSL break U O	3	207112.83	537260.44	2.19983E-08	0.000566569	0.004076088	1.44454E-11	1.31996E-08	8.79931E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001641648	0.017018619	1.19040E-10	100	1.44454E-11	8.79931E-09	8.79931E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break U OLong Pipeline Breach NSL break U O	4	207109.84	537257.5	2.19983E-08	0.000989191	0.004322112	1.53151E-11	1.38232E-08	9.16595E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.001670859	0.017509962	1.19040E-10	100	1.53151E-11	9.16595E-09	9.16595E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break U OLong Pipeline Breach NSL break U O	5	207110.5	537253.75	2.19983E-08	0.001763761	0.010495766	3.87995E-11	1.20991E-08	8.99232E-09
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.003919447	0.029629031	1.19040E-10	100	3.87995E-11	9.89923E-09	9.89923E-09	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break U OLong Pipeline Breach NSL break U O	6	207110.7	537249.5	9.15914E-10	0.02397152	0.005196249	2.19558E-11	0	5.41315E-10
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.04505185	0.159135485	4.9548E-12	100	2.19558E-11	2.19558E-11	0	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break U OLong Pipeline Breach NSL break U O	7	207107.47	537248.94	9.15914E-10	0.021535714	0.005566633	1.97249E-11	0	5.34283E-10
Outcome Type Description									
Continuous release No rainout Immediate Horizontal Jet fire Only		Average Fatalities	Maximum Fatalities	Frequency of Maximum Fatalities [(Ave/Year)]	Risk Integral Percentage	Risk Integral [(Ave/Year)]	1,000000E+000 [(Ave/Year)]	(Ave/Year)	
		0.0036918388	0.188365737	4.9548E-12	100	1.97249E-11	1.97249E-11	0	
Eesveen-1LLeidingenExport leidingExport leidingModel Group AboveLong Pipeline NSL break U VLong Pipeline Breach NSL break U V	1	207108.45	537						



BILFINGER

Bijlage 5. Effectafstanden

