

Katherine PFAS Community Consultation Group Meeting Agenda

Thursday 4 April 2019, 5:30pm – 7:00pm

Katherine Government Centre, Level 1 Conference Room

Item	Paper	Lead
1	N	Chair
2	Y; 3-4	Chair
3	Y; 5,6	Chair
3	Y; 7	Chair
4	N	Chris Horton
5	N	Timothy Ferrell
6	N	All
7	N	Chair
8	N	Chair

Next meeting: July 2019

Actions from **15 January 2019** meeting:

Action	Meeting	Responsible	Status
1 Inquiry into the management of PFAS contamination in around Defence bases to be sent to all group members with latest minutes	15.01.2019	Secretariat	Completed
2 Draft a standard invite to send to relevant stake holders such as elected reps, parties completing site remediation and more.	15.01.2019	Community Based Co-Chair	In Progress
3 Members seeking an update on the status of Department of Defence Community Consultation activities. Are any future community consultation or information sessions scheduled; will Department of Defence be evaluating consultation activities undertaken to date?	15.01.2019	RAAF Tindal	Completed
4 RAAF to find out details on who is completing remediation efforts for the group	15.01.2019	RAAF Tindal	Completed
5 Take ToR to IASC for approval post amendments.	15.01.2019	Secretariat	Completed
6 Develop KPI's and Measures of Success for the group going forward that align with goals set out in ToR as well as the recommendations within the Senate Sub Committee Inquiry. To be discussed at next meeting	15.01.2019	Secretariat and members	In Progress

Katherine PFAS Community Consultation Group Meeting Summary Paper

Meeting date: 15 January 2019 5:30pm to 7:45pm

Meeting Lead: DCM – Regional Coordinator – Nathanael Knapp

Subject: Katherine PFAS Community Consultation Group

Attending	Nathanael Knapp Chris Horton Errol Lawson Petrena Ariston Darcy Lye Kevin Grey Tim Ferrell	Department of the Chief Minister (A/Chair) Power and Water Corporation Community Member Community Member Department of the Chief Minister (A/Secretariat) Community Member RAAF Tindal
Apologies	Fay Miller Natalie Ellis Robert Jennings Meg Geritz Jake Quinlivan Xavier Schobben	Community Member Community Member Community Member Community Member Department of the Chief Minister Department of Health

Background: Department of the Chief Minister led, The Katherine PFAS Community Consultation Group (KPCCG) has been established to advocate on behalf of the Katherine

community regarding the impact of PFAS contamination on the health and wellbeing of residents, the environment and those people most affected.

Current Situation:

- ToR was discussed, revised and updated, sent through to Inter Agency Steering Committee (IASC) for approval.
- Members discussed new members and guest speaker and the processes for these
- The Senate PFAS Sub Committee "Inquiry into the management of PFAS contamination in around Defence bases" was discussed.
- New RAAF representative Tim Ferrell was updated on groups history and was queried on status of public information booths and site remediation efforts

Outcomes:

Action	
1	Inquiry into the management of PFAS contamination in around Defence bases to be sent to all group members with latest minutes
2	Draft a standard invite to send to relevant stakeholders such as elected representatives, parties completing site remediation and others.
3	Members seeking an update on the status of Department of Defence Community Consultation activities. Are any future community consultation or information sessions scheduled; will Department of Defence be evaluating consultation activities undertaken to date?
4	RAAF to find out details on who is completing remediation efforts for the group Responsibility: RAAF, Tim Ferrell
5	Take ToR to IASC for approval post amendments.
6	Develop KPI's and Measures of Success for the group going forward that align with goals set out in ToR as well as the recommendations within the Senate Sub Committee inquiry. To be discussed at next meeting

Recommendation:

It is recommended that the committee notes this Summary Paper

Next meeting: TBA February/March 2019, 5:30pm, Level 1 Conference Room, Katherine Government Centre

Hi,

This refers to your advertisement seeking expression of interest for PFAS community groups.

I am Science teacher working with one of the NTPS schools in Katherine with vast knowledge and experience in new drug research (R.&D) and public health education. I would like to join with the team and use my skills and experience effectively for the group.

I will be very thankful if you could let me know how can I proceed.

Thanks

Biju Mani
Ph 0421236514

Thanks and Regards,

Have a nice day ahead,

BIJU

EXPRESSION OF INTEREST KATHERINE PFAS COMMUNITY CONSULTATION GROUP

Katherine PFAS Community Consultation Group – as a past member of the Katherine PFAS Community Consultation Group I am expressing my current interest in rejoining the group.

I am known by most of the original members of the Katherine PFAS Consultation Group - the following describes just briefly my back ground and time span in Katherine.

Second Engineer Status –

Extensive experience in domestic water treatment, plant construction, plant maintenance, storage and distribution systems - this also included drinking water quality supplied to the consumer's tap in reference to and accordance with health requirements at the time.

Have resided in Katherine since 1998 –

Company managing director in the retail sector since 1999 / 2000 to present time.

In summary:- specifically, my main reason to express interest in rejoining the Katherine PFAS Community Consultation Group is due to the revised “Terms Of Reference” being put in place –

Sincerely Yours

Allan Domaschenz

Katherine PFAS Community Consultation Group

Update on Action Items – 4 April 2019

Date	Action	Responsibility	Status	Comments
15.01.19	Inquiry into the management of PFAS contamination in around Defence bases to be sent to all group members with latest minutes	Secretariat	Completed	
15.01.19	Draft a standard invite to send to relevant stake holders such as elected reps, parties completing site remediation and more.	Community Based Co-Chair	In Progress	
15.01.19	Members seeking an update on the status of Department of Defence Community Consultation activities. Are any future community consultation or information sessions scheduled; will Department of Defence be evaluating consultation activities undertaken to date?	RAAF Tindal	Completed	
15.01.19	RAAF to find out details on who is completing remediation efforts for the group	RAAF Tindal	Completed	
15.01.19	Take ToR to IASC for approval post aforementioned amendments.	Secretariat	Completed	
15.01.19	Develop KPI's and Measures of Success for the group going forward that align with goals set out in ToR as well as the recommendations within the Senate Sub Committee inquiry. To be discussed at next meeting	Secretariat and members	In Progress	

18.09.18	7.1 Draft newspaper ad to be distributed by KTC to KPCCG members for review and feedback.	KTC		
19.6.18	6.2 Provide electronic link to the Katherine Cancer Incidence Analysis Report	DoH	To be provided	
1.5.18	9.1 Recommence second working group including Rob Jennings, Meg Geritz.	KPCCG Chair/Secretariat	Ongoing	<i>Working group convened on 30 May 2018 – further discussion to be had at KPCCG meeting scheduled for 19 June 2018.</i>
6.2.18	4.1 Request a timeframe for availability of information from NT PFAS/IASC in regards to the NTG response to site remediation e.g. former fire station, training facilities and access to the list of 67 sites identified by the NTEPA.	NTPFAS IASC/ Secretariat	Ongoing until information is provided	<i>Currently investigation phase is ongoing 20 November 2018 - NT EPA has advised that from the 163 sites, as a first step 74 sites require either a limited preliminary site investigation or a detailed preliminary site investigation to determine whether detailed site investigations will be required for the sites should PFAS contamination be identified.</i>

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				<p>Sites:</p> <p>7 Landfill Sites</p> <p>13 Remote Landfill Sites</p> <p>15 Airports</p> <p>21 Power Stations</p> <p>7 Legacy Fire Stations</p> <p>11 Operational Fire Stations</p> <p>Total 74</p>
18.09.18	5.1	PWC and/or DoD to provide options study, if available, on the feasibility of the 2ML of treated water produced by the treatment plants being fed from Tindal into town as a temporary stop gap measure during periods of peak demand.	PWC & DoD	<p>PWC response received 19.11.18</p> <p>Complete</p> <p>Response from PWC received 19.11.18: The treated water from the PFAS plant would have to meet Australian Drinking Water Guidelines before being used for potable purposes, this may require significant additional infrastructure requirements including treatment upgrades. PWC's preference would be to use this water as non- potable particularly for irrigation as this is the area where the most considerable and meaningful water savings would occur.</p>
18.09.18	6.1	PWC and DoD to provide an update on the status and progress towards delivery of the new water treatment plant for Katherine	PWC & DoD	<p>Complete</p> <p>The Department of Defence has provided in-principle agreement to provide funding for a long term drinking water supply solution for Katherine. Power</p>

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				<p>and Water has proposed a 10ML/day PFAS treatment plant in Katherine and the ongoing discussions between Power and Water and the Department of Defence are not expected to delay the commissioning of the treatment plant, still scheduled for around December 2019.</p> <p>In addition:</p> <ul style="list-style-type: none">• The NT Government appreciates the ongoing partnership from the Commonwealth in addressing PFAS contamination issues in Katherine and Darwin and is continuing to work closely with them on solutions.• To meet Katherine's future water needs, the Northern Territory's Power and Water Corporation has provided Defence with advice and a business case recommending the construction of an additional 10ML per day PFAS Water Treatment Plant to resolve the PFAS contamination of the water supply.• The Northern Territory's Power and Water Corporation wrote to the Department of Defence on 27 September
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				requesting Defence provide upfront funding of the treatment plant for the Katherine water supply.
18.09.18	8.1	Secretariat	Complete	<ul style="list-style-type: none"> Ongoing discussions between Power and Water and the Department of Defence are not expected to delay the commissioning of the treatment plant, still scheduled for around December 2019.
19.6.18	5.1	DoD	Complete	ToR's emailed to all members on 24 September 2018 for review and feedback.
19.6.18	5.2	DoD	Complete	Gavin Bucklar Service Centre Manager Top End Urban Darwin & Katherine Service Centres Face to Face services division Department of Human Services M : 0488 507 185 14 August 2018
19.6.18	5.3	DoD	Complete	Defence have advised that it is not possible for a return visit to Tindal due to the open class action being filed with the court.
19.6.18	6.1	DoH / KPCCG Members	Complete	Brochure developed and distributed by DoH.

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	KPCCG members to provide further input and recommendations towards the development of a draft 'safe fish consumption' brochure.				
19.6.18	8.1 Develop a marketing strategy for the dissemination of information and messaging to community members.	KTC	Complete	Distributed to KPCCG members by email on 15 August 2018	
19.6.18	9.1 Distribute Power Water Corporation presentation from KPCCG Meeting of 1 May 2018 to members.	Secretariat	Complete	Emailed with DRAFT Minutes on Friday 22 June 2018.	
1.5.18	5.1 Request for Dr Richards to attend next meeting and/or facilitate meetings with members at Base or DCM.	KPCCG Chair/DoD	Complete	The request to hold the meeting on base has been rejected, however NT Gov has agreed to the use of their conference room in the town's government building. Dr Richard's availability is on Tuesday 19 June from 4pm to 5:30pm.	
1.5.18	9.3 Mr Jennings to follow up formally with Katherine Times regarding the unauthorised publication of material.	KTC	Complete		
6.2.18	Arrange a deputation from NTEPA to a future meeting of the KPCCG to explain the role of the NTEPA.	NTPFAS IASC/ Secretariat	Complete	Executive Director Environment Protection, Dept. Environment and Natural Resources attended 1 May 2018 meeting	

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6.2.18	5.1 DoD to provide follow up information and/or advice on the commitment to install filtration systems on rain water tanks supplied to affected residents.	DoD	Complete	Matthew Clarke advised status of rainwater tank and associated filtration policy. Members advised there were inconsistencies in roll out. DoD confirmed residents can still request installation
6.2.18	7.1 Follow up on discussions with DoD and PWC regarding residential point of use testing to give confidence to the community that nil detect water testing results recorded at the water treatment plant are comparative to results recorded at residential/household taps.	KPCCG Chair	Complete	1 May 2018 – tests results provided, nil detect at all 4 public housing dwellings. Sampling to be undertaken at four properties (Berharat st, Giles St, Martin Tce, Callistemon Dr) week of 12 March 2018. Test results to be provided when available. Chair asked members to note that the identification of the public housing dwellings for testing (which did exclude Ms Smith's residence as a Committee member) was on a neutral basis to minimise any perception of bias or unfair advantage.
6.2.18	7.2 Provide information on the reason behind reports of 'dirty water' flowing from household taps in Katherine South.	PWC	Complete	Issue raised with Water Services and advice on action has been provided to Mr Domaschenz
6.2.18	8.1		Complete	

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		Provide formal advice to the KPCCG regarding National PFAS Task Force discussions around banks and lenders.	NTPFAS IASC/ Secretariat		See Attachment B contained in Minutes of Meeting 4 from 6 February 2018 (p#)
6.2.18	9.1	Priority information, as detailed in agenda paper 3, endorsed by KPCCG for publication/inclusion in newspaper advertisement.	DoD/ Secretariat	Complete	DoD to provide update on status and process for advertising
6.2.18	9.2	'Rob Jennings commentary on DoD information material', as detailed in agenda paper 4, endorsed by KPCCG for inclusion/publication in newspaper advertisement.	DoD/ Secretariat	Complete	Published in Katherine Times, Letters to the Editor, 14 February 2018 by an unknown source.
6.2.18	9.3	Chair to follow up with MS regarding responses to questions.	KPCCG Chair	Complete	Responses provided from DoD, DoH, DCM, KTC
6.2.18	10.1	Request advice from NTPFAS IASC / DENR as to whether satellite scans, mapping and imaging collected during Katherine Flood Mitigation investigation has been offered to, or shared with Coffeys to assist with mapping water flows.	NTPFAS IASC	Complete	This information has not previously been provided to Coffeys. On 8 March 2018 DENR provided Defence with contact details for the Department of Infrastructure, Planning and Logistics (Katherine Office) to obtain this information.
6.2.18	10.2	Request advice from DoD regarding document control and identification processes for property report sheets returned to residents.	DoD	Complete	The resident's address are used as the unique identifier for correspondence sent to them, followed by date. Contractors assist DoD with the drafting of this correspondence

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6.2.18				<p>and they do not have access to the Defence Records Management System (DRMS) that would normally generate a file reference number. Further filing is done in DRMS by Defence at a later date but DoD still refer to correspondence with a resident by their residential address.</p>
6.2.18	<p>10.3</p> <p>Request a response to the following - In the Executive Summary of IHHRA, the Section – Conceptual Site Model lists two migration pathways namely Leaching to groundwater and Leaching and surface water run-off. In view of the several sinkholes in the Katherine area, and particularly within Tindal air base, has Coffey’s considered a third migration path to the aquifer of surface run-off entering the sinkholes.</p>	DoD/Coffey’s	Compete	<p>The sinkholes represent a preferential pathway for surface water to infiltrate to groundwater. The overall process is the same, it is just faster via a sinkhole. The same occurs in reverse at the end of the wet season, where groundwater may discharge out of a sinkhole. Again the groundwater would discharge to the surface anyway through seeps, but the process occurs much faster through the sinkhole. The presence of sinkholes doesn’t change the interpretation of the overall migration pathways or the exposure to receptors.</p>
6.2.18	<p>10.4</p> <p>Arrange a date for a site visit to Tindal.</p>	KPCCG Chair/DoD	Complete	<p>1 May 2018 KPCCG meeting to be held at RAAF Base Tindal, including tour.</p>
6.2.18	<p>10.5</p>			

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	<p>The Draft Final report of the Pepper Fracking Inquiry includes information that the flow rates of the Tindal aquifer is 10m/year in the southern section and 1000m/year in the northern section. Could Coffey's confirm that they have taken advice from a hydro geologist in analysing the flow patterns between Tindal and the Katherine river?</p>	DoD/Coffey's	Complete	<p><i>In preparing our hydrogeological conceptual model, we have referred to information available from NT government on the Tindall Aquifer. This information has been developed by DENR's hydrogeologists over many decades and many studies. The reports have been interpreted by our in-house hydrogeologists and in discussion with local NT groundwater specialists (including DENR and PWC hydrogeologists). Due to the Karstic formation, water velocities will vary greatly between cave systems and smaller fracture networks in massive rock. Flow rates will also vary between wet and dry seasons when the driving force changes. Further information is presented in the DSI report, which has now been published.</i></p>
6.2.18	<p>10.6</p> <p>KTC to provide details on tourism marketing strategy for Katherine for the coming dry season.</p>	KTC		<p>KTC is working with Tourism NT. Marketing campaigns now word of mouth driven. Tourism NT is monitoring any comments in relation to PFAS on social media and is not seeing any close co-relation. Monitoring will continue over next 3 months and will be working to put a campaign together should there</p>

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				be any impact on tourism numbers.
5.12.17	6.2 Request a response relating to NT cancer rates being higher than the national average	DoH	Complete	See 'Katherine Cancer Incidence Analysis report' included in Minutes from 19 June 2018 KPCCG meeting. See report for Agenda Item 6 from 6 February 2018. Special report is being compiled specifically for cancer rates in Katherine and is expected to be available in April 2018.
5.12.17	5.1 Request a response from NT PFASIASC in regards to the NTG response to site remediation e.g. former fire station, training facilities etc	Secretariat	Complete	See Agenda Paper 1 Item 4.1 – from 6 February 2018
5.12.17	5.2 Request list of 67 sites identified by NTEPA	NTPFASIASC/ Secretariat	Complete	See Agenda Paper 1 Item 4.1 – from 6 February 2018
5.12.17	5.3 Request deputation from Peter Vassel to explain the role of the NTEPA	NTPFASIASC/ Secretariat	Complete	See Agenda Paper 1 Item 4.1 – from 6 February 2018
5.12.17	5.4			http://www.defence.gov.au/Environment/PFAS/docs/Tindal/Pres entations/171204CommunityWal

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	Email link of Coffey presentation to members	Secretariat	Complete	kinSessionPresentationDSIAndHHRA.pdf Emailed to members 6 December 2017. See <i>Agenda Paper 2 Item 4.2 – from 6 February 2018</i> See <i>Agenda Paper 3, Item 9.1 – from 6 February 2018</i>
5.12.17	6.1 Request Department of Primary Industries and Resources fish test results taken from Daly River for release to the public.	DoH / NT PFASIASC	Complete	
5.12.17	8.1 Members to meet Monday 11 December, 1100, DCM Office to identify key topics for messaging through social media and Katherine Times. Info to be provided to broader group. Invite to be sent to all KPCCG members.	Secretariat / DCM SCE	Complete	
14.11.17	8.1 KG, MG and AD to draft a letter of support for residents directly affected by the detection of PFAS on their properties.	KPCCG members	In progress	
14.11.17	4.1 Amend terms of reference to reflect that membership will be revoked if absent without apology for three consecutive meetings.	Secretariat	Complete	
14.11.17	4.2 Offer vacant position to May Rosas as a representative of the Aboriginal community	DCM PFIASASC Chair	Complete	Offer accepted.
14.11.17	4.3			

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	Follow up with Lisa Mumbin regarding appointment to KPCCG	KPCCG Chair	Complete	Offer accepted.
14.11.17	4.4 Provide information related to contamination and spread of disease from bats	DoH	Complete	See Agenda Paper Item 6 – from 5 December 2017
14.11.17	4.5 Seek information relating to concerns raised about current levels of PFAS in blood stored the blood bank.	MG/Australian Red Cross	Complete	Public policy available on Australian Red Cross website.
14.11.17	4.6 Action item 'Seek feedback on any additional information that needs to be captured to keep messaging accurate, relevant and consistent' to be moved to agenda as a standing item	Secretariat	Complete	Standing agenda item
14.11.17	7.1 Seek information regarding chlorination, fluorination and PFAS cocktail in reticulated water supply and whether there have been any studies undertaken to establish whether this is safe for human consumption	DoH	Complete	See Agenda Paper Item 6 from 5 December 2017
14.11.17	8.1.2 Follow up EASA regarding their capacity and capability to deal with PFAS related queries and requests for counselling	Secretariat	Complete	EASA services are available as per the usual panel contract arrangements. EASA operate a face to face service in Katherine on Tuesdays and Wednesdays and staff can call the head Office in Darwin and book and appointment. They can also book telephone or skype sessions if that suits better

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				which will be serviced by clinicians from Darwin. Also if they visit Darwin they can book sessions at the head office in Stuart park
14.11.17	8.2 Request a response, in writing, from the PFASIASC Chair, to the following: a) identify each and every PFASIASC member; and b) advise terms of agreement of each PFASIASC member. c) request a member of the PFASIASC to attend the KPCCG meeting to be scheduled for late January 2018.	Secretariat	Complete	See response in Agenda from 5 December 2017
14.11.17	8.2.1 Invite Senator Nigel Scullion to attend a future meeting of the KPCCG with the intention that :- (a) that HON NIGEL SCULLION (PERSONALLY) provide and present a detailed briefing relative to Senate Inquiry into PFAS (b) that HON NIGEL SCULLION (PERSONALLY) provide and present a briefing relative to the PFAS effect on Katherine Aboriginal Community	Secretariat	Complete	Awaiting response
14.11.17	9.1 distribute member initiated Draft Katherine Region PFAS Information Management Plan to KPCCG members for consideration	Secretariat	Complete	

17.10.17	4.1 All agreed that a visual representation of the governance structure, relationship between KPCCG, PFASISC, PFAS Task Force and politicians needed to be developed.	DCM Strategic Communications and Engagement	Complete	
17.10.17	4.2 Recommendation to Chief Minister: All agreed that actions and information from KPCCG be disseminated to all politicians, independents and opposition.	DCM DepCE DCM Strategic Communications and Engagement	Complete	
17.10.17	4.3 & 4.4 Follow up with members who did not attend or respond to invitation to join KPCCG and enquire whether they wish to accept their offer of appointment or not. Discuss membership appointments at next meeting and seek recommendations for community representatives.	DCM RED BRR	Complete	Correspondence and invites sent to all members. Seeking advice from KPCCG members.
17.10.17	5.1 School Principals are seeking talking points and clear messaging suitable for inclusion in newsletters, around potable water supply.	DCM SCE in consultation with PWC and DoH	Complete	Updated messaging to be provided on an ongoing basis.
17.10.17	6.1 Members formally request that blood testing is made available as a priority to establish a baseline, particularly for those people living in a high risk area.	PFASISC Chair	Complete	Blood testing available
17.10.17	6.2			

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	Members request that further investigation be undertaken into causal effects.	DoD, DoH	Complete	Expert PFAS panel established.
17.10.17	4.5 Establish mailing list for out of session information Chair discretion to call out of session meeting if required Add acknowledgement of country Amend Schedule 1, XS title from Dr to Mr	DCM Secretariat	Complete	
17.10.17	5.2 Address concerns regarding the safety of water by providing and making available accurate and detailed information.	DoD	Complete	Results provided direct to PWC, KTC and residents.
17.10.17	7.1 Request to provide dates for when testing was conducted. Provide monthly statistics for tap and bore tests Use micro grams per litre instead of ppm as a unit of measurement to keep data consistent	PWC	Complete	Test results available on PWC website
17.10.17	7.2 Seek feedback on any additional information that needs to be captured to keep messaging accurate, relevant and consistent	KPCCG members	Complete	Moved to standing agenda item
17.10.17	8.1 Request to provide details on KTC pool filtration system to members Request to provide weekly updates on pool testing will be made available to the public	Katherine Town Council	Complete	Filtration system is sand. Pool to open Thursday 16 November 2017. Testing results available on KTC website as they are received

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17.10.17	<p>9.1</p> <p>Chair requested that feedback on first meeting be emailed through to secretariat</p> <p>Chair requested that members consider providing suggestions on subject matter experts for presentations and priorities to the KPCCG.</p> <p>KPCCG members that didn't attend or respond to invitation to be contacted to gauge their level of interest and participation in the group</p>	KPCCG Chair & members	Complete	
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