**Video recording transcript for DELWP Output Data Standard Online Seminar #1 – Overview**

**Held on 26th August 2021, by DELWP ICM Team, via Microsoft Teams Video Conference.**

00:00:00.000 --> 00:00:02.810  
Adam G Hood (DELWP)  
Put data standard review that I've just mentioned before.

00:00:03.780 --> 00:00:09.950  
Adam G Hood (DELWP)  
And the fact that we now have a version three of a DELWP wide output data standard.

00:00:10.640 --> 00:00:11.890  
Adam G Hood (DELWP)  
And, UM.

00:00:13.540 --> 00:00:18.090  
Adam G Hood (DELWP)  
Uh, essentially with the key messages today will be.

00:00:19.740 --> 00:00:36.170  
Adam G Hood (DELWP)  
To give you a sense of what's different, what's new, what, how that structured. It's a seminar and overview introduction, and in the future very near future will be running specific training type seminars where.

00:00:36.580 --> 00:01:06.030  
Adam G Hood (DELWP)  
Uh, people who are using this standard can in fact be asking specific questions about how do I do this and how do I do that? So today is really a kind of a helicopter in have how it works and what's different, what's new, and it's a strong recognition of the fact that range of us have been arranged. If you have been involved in it and it's a bit of a chance to just show the great value that's come out of the new, the new standard.

00:01:08.140 --> 00:01:17.580  
Adam G Hood (DELWP)  
Uh, so I should suggest also that because it's we've held this as a very open teams meeting, and as you can see.

00:01:18.570 --> 00:01:45.900  
Adam G Hood (DELWP)  
We were originally there was a time when we're going to just have this as a broadcast storytelling exercise, but we think it's important that people can engage and interact with us as the time comes. But I what I might ask as if if you don't mind as we go into the presentation part of this, which is very shortly after that. If you can keep your microphones off.

00:01:47.050 --> 00:01:56.480  
Adam G Hood (DELWP)  
And your camera is off until we get to specific question times and then in those question times I'll ask that people can come.

00:01:57.160 --> 00:02:17.280  
Adam G Hood (DELWP)  
Uh, raise their hand if they want to ask a question which they can turn on the camera, raise their hand and will point to you for asking so that we don't or trip over each other and the other. The other option, of course, is to just put your self, put some words into the chat a question into the chat and.

00:02:17.340 --> 00:02:24.120  
Adam G Hood (DELWP)  
Some, uh, Jeanette and I will help with that. Jeanette routes on the line with us today from my team.

00:02:25.490 --> 00:02:38.250  
Adam G Hood (DELWP)  
So Chris, if you want to put the so Chris Jackson then people can see him for the rest of you can help by turning off your camera's then that will help a bit with us. Spotlighting ourselves and just being the focus, that's great. Thank you.

00:02:38.730 --> 00:03:08.770  
Adam G Hood (DELWP)  
I'm I think I've covered off on all the housekeeping for the minutes. If you just want to share the slides, Chris and Chris and I'll just run through a slide deck. Which and some specific interactive stuff and I just want to say thanks everybody for coming along today and hope that we can give you the right kind of intro that you need to understand where we're at. And I should say one thing, there will be another one of these seminars in a in a few weeks.

00:03:08.880 --> 00:03:25.350  
Adam G Hood (DELWP)  
Get to that at the end of this, which will focus on the actual tool that you can use, which is a geodatabase which will help actually collect the data and the information that you need into a Geo system so.

00:03:26.660 --> 00:03:36.890  
Adam G Hood (DELWP)  
So that's why we're here. I don't think we need to labor that Adam Hoods my name and Chris Jackson from my team and he'll be talking. He's a lead person who basically ran this over last couple of years.

00:03:40.580 --> 00:03:42.690  
Adam G Hood (DELWP)  
Go next slide is good Chris I think.

00:03:53.750 --> 00:04:20.360  
Adam G Hood (DELWP)  
OK, so I look, I've said that I'm from an integrated catchment management team. I just want to point out this is our kind of wheel of life from an integrated catch management perspective that DELWP output data standard and dealt delivery standards will get to that in a minute, are cut across all of the themes. If you like that that are in this this wheel from water, biodiversity, coastal marine land, and obviously communities in terms of how we engage.

00:04:19.780 --> 00:04:20.280  
Katie Warner  
Pardon.

00:04:24.290 --> 00:04:27.520  
Adam G Hood (DELWP)  
Sorry, I might have to get turn off Katie's Mike. Someone can do that.

00:04:29.210 --> 00:04:31.430  
Adam G Hood (DELWP)  
Ah yeah, thank you.

00:04:33.220 --> 00:04:47.050  
Adam G Hood (DELWP)  
Yeah, so uh sensually. That's the reason why we've held onto this. This is some something that we look across these. All of these themes in a fairly equal and an integrated way go for it. Chris Highway labor. This too much.

00:04:48.890 --> 00:05:18.860  
Adam G Hood (DELWP)  
OK, So what are the drivers? Why did we need to review such a thing? There's dealt standard Dell power, put out a standard version, two was there seem to be operating all or finding well please. Thank you very much, but one of the key things that happened in the last period, particularly this this this this term. These two terms of government that we're in right now is that key policy directions were added to the portfolio's water for Victoria. Massive piece of work on guiding water.

00:05:19.080 --> 00:05:45.820  
Adam G Hood (DELWP)  
Management in Victoria for the next period. Biodiversity 2037. A key policy document for this government, aiming to stretch this out to key directions and strategy for 2037, had new and innovation new innovations that needed to be re think the way and how we do stuff. Marine and coastal policy. You know, there's an act, there's policy, and now there's a strategy being developed.

00:05:47.030 --> 00:06:16.040  
Adam G Hood (DELWP)  
Something that a lot of you might know, but anyway, there's different funding streams that have landed, and those funding streams have attached to them. Those new policy settings and will demand and are demanding that we take a slightly different focus or improve and add value to how we report on what we what we do and where we do it from BP3 obviously. We've talked about budgets, our budget papers.

00:06:16.100 --> 00:06:42.490  
Adam G Hood (DELWP)  
Uh, required by Treasury and finance and the budget reporting that we have as a link back to those policy settings, CMA's are in the process of developing new regional catchment strategies and likewise the roll up of what we do on the ground and how that contributes to the outcomes that we've identified in these other policies and strategies are important. Whoops, I've lost that. No, I haven't.

00:06:43.780 --> 00:06:44.550  
Adam G Hood (DELWP)  
Yeah so.

00:06:47.000 --> 00:07:03.770  
Adam G Hood (DELWP)  
This government has a strong interest in traditional owners self determination and inclusion and the previous standard mentioned but didn't really have a consistent approach to that. And we've made some changes towards that. Changes to reporting needs demanded updates.

00:07:04.400 --> 00:07:34.570  
Adam G Hood (DELWP)  
Uh, and one of the key things we've done a delta wide approach to this is that we we had to make changes across these different areas Waterland biodiversity, but we've held onto a departmental wide approach to that so that at least there's a DELWP standard, so the process across the other side of that slide is really important. Uh, a range of directors within the department that focus on NRM, the NRM space from Biodiversity forest fire.

00:07:34.620 --> 00:08:03.380  
Adam G Hood (DELWP)  
Regions order and catchments. Land economics all come together on a regular basis and as well as this cover other things, but I have certainly overseen the governance of this. There's a technical working group that's been involved with this for over 2 years with representatives from DELWP. Significant wide ranging representatives from DELWP catchment management authorities Parks, Victoria Trust for Nature, Agriculture Victoria a range of.

00:08:04.110 --> 00:08:22.980  
Adam G Hood (DELWP)  
Uh, players that have direct kind of interest and influence on how we deliver what we deliver, how we measure what we deliver, and what we do, and where we do it. It's about two years. I can't Chris normally talks about the hundreds of meetings that he's been involved with over those two years.

00:08:24.070 --> 00:08:40.790  
Adam G Hood (DELWP)  
And it's got us to this point. As I said, maintaining one standard. Keep going Chris. Thanks. So I'll just I. I'm gonna finish shortly and let people ask some questions, but the really crucial bit is that there's a. There's a logic around how me, our framework and this is.

00:08:41.760 --> 00:09:11.110  
Adam G Hood (DELWP)  
Been in place for a while under the Delta and departmental settings, but it's it's nothing more than a pretty standard kind of logical approach. A program logic where you have significant condition change at one end, which is connected right down to the fact that we did some stuff somewhere and the the boxes in between kind of represent the idea that policy and programs come aim from long term outcomes management level outcomes.

00:09:11.570 --> 00:09:42.960  
Adam G Hood (DELWP)  
Outputs and activities. We won't, we could, and we probably will at different times. Having lots of arguments about this terminology, but this is the terminology that's we've set up as our log frame for this our, our program logic, and today I should just point out. Today we're focused on that second bottom box, which is the output data standard. The others will be addressed in different settings, but you will see this kind of logic come to play as Chris starts to talk about the structure of the output data standard.

00:09:43.720 --> 00:09:51.570  
Adam G Hood (DELWP)  
And I should say that the app data standards set up as the minimum information required for reporting on outputs according to the DELWP standards.

00:09:52.020 --> 00:10:14.580  
Adam G Hood (DELWP)  
Come as my simplest way of putting that is, It maps and adds information around, not only maps but maps and adds information around what we did and where we did it and how it links. If you like to those management outcomes. So I think uh, go on to the next slide. Thanks, Chris.

00:10:15.100 --> 00:10:19.170  
Adam G Hood (DELWP)  
I'm happy for people to.

00:10:19.760 --> 00:10:44.560  
Adam G Hood (DELWP)  
Uh, do a couple of things. They can check and tell me that. Tell me if they're in there. If you're in the right room, that's a very important thing. I'll check in here and let people ask some questions, just reminding us. Put your hand up and Chuck. Throw something into the chat on the side and very happily. Have a couple of couple of questions if people want to do that. Otherwise, we'll keep moving along.

00:11:00.170 --> 00:11:06.020  
Adam G Hood (DELWP)  
OK, well uhm I can't see anyone's hand up. Is there something that I've missed?

00:11:07.390 --> 00:11:11.210  
Adam G Hood (DELWP)  
Uh, none. OK, that's great, thanks. There's plenty of time to reflect on that.

00:11:11.920 --> 00:11:35.470  
Adam G Hood (DELWP)  
A nice picture Chris. It's Cold Creek as people gather, but OK, I'll hand over to Chris Jackson who really deserves this time in the sun. He's been doing an amazing bit of work over the last couple of years in my team, but a lot of the people around this table. Big table, we'll know. Chris and he's been.

00:11:36.200 --> 00:11:36.590  
Adam G Hood (DELWP)  
Uhm?

00:11:38.340 --> 00:11:46.980  
Adam G Hood (DELWP)  
Yeah, steadfast, it's the best way to put it. And just keeping moving along with this. This train to get us where we are now. Thanks, Chris. Take it away.

00:11:50.990 --> 00:11:59.000  
Chris Jackson (DELWP)  
As Adam alluded to on the senior project, officer for me are within the integrated catchment steam.

00:12:00.330 --> 00:12:05.260  
Chris Jackson (DELWP)  
So yes, I started on this project is the primary project that I was.

00:12:06.430 --> 00:12:09.010  
Chris Jackson (DELWP)  
Given when I started with the department two years ago.

00:12:10.130 --> 00:12:11.890  
Chris Jackson (DELWP)  
Prior to COVID and.

00:12:12.940 --> 00:12:13.500  
Chris Jackson (DELWP)  
Uh.

00:12:14.230 --> 00:12:18.880  
Chris Jackson (DELWP)  
Bushfires and floods and all manner of other things. Some messing with our lives.

00:12:20.840 --> 00:12:37.430  
Chris Jackson (DELWP)  
So I'm going to deal with a bit more of the technical detail and walk people through some of the specifics of the changes and a little bit about the, UM, the logic behind those changes. And then there'll be a few breaks in here too for you to ask questions.

00:12:38.050 --> 00:12:38.850  
Chris Jackson (DELWP)  
Uhm?

00:12:39.940 --> 00:12:44.160  
Chris Jackson (DELWP)  
I'm also going to, as Adam alluded to before.

00:12:44.210 --> 00:13:05.700  
Chris Jackson (DELWP)  
Uhm, we're going to refer any sort of detailed questions about the reporting requirements for specific themes will actually take note of them, but we're going to park those for the theme specific seminars that will run down the track a little bit. I'm just so that we don't get bogged down into too much technical detail here.

00:13:07.580 --> 00:13:15.010  
Chris Jackson (DELWP)  
So the big question why is the output data standard important? Adam covered it from a very high level.

00:13:15.480 --> 00:13:23.230  
Chris Jackson (DELWP)  
Come and I'm just gonna refer back to the original documentation, which was the.

00:13:24.690 --> 00:13:42.790  
Chris Jackson (DELWP)  
As it was called back then, the DSE MER framework, which was a monitoring evaluation and reporting framework upon which the standards were built and they were used to coordinate the various.

00:13:43.120 --> 00:13:49.160  
Chris Jackson (DELWP)  
Uhm, monitoring and evaluation frameworks that were developing across DELWP and its agencies.

00:13:49.660 --> 00:14:00.300  
Chris Jackson (DELWP)  
Uhm, independent of one another and therefore there was inconsistent language and it made it very difficult for people to correlate information across the state.

00:14:01.130 --> 00:14:04.060  
Chris Jackson (DELWP)  
So that was the reason behind setting up standards.

00:14:05.800 --> 00:14:08.800  
Chris Jackson (DELWP)  
Uh, this standard, the output data standard.

00:14:09.420 --> 00:14:25.470  
Chris Jackson (DELWP)  
Uhm, it specifies what and how data must be spatially reported. There are other minor specifics that are covered in funding agreements, and they are specific to those programs, but this data standard.

00:14:25.680 --> 00:14:27.910  
Chris Jackson (DELWP)  
Uhm, sets the minimums.

00:14:29.600 --> 00:14:47.310  
Chris Jackson (DELWP)  
Would it be used the data for we use it for analysis and modelling, and adaptive management. Many of you will know that DELWP hasn't been fantastic at that in the past, and improvements to this data standards are aimed at.

00:14:47.370 --> 00:14:57.950  
Chris Jackson (DELWP)  
It's, uh, fixing some of the technical problems that were preventing that data from being used for the deeper analysis that we know that we can do with it.

00:14:59.460 --> 00:15:01.970  
Chris Jackson (DELWP)  
Uh, the account review took two years and it involved.

00:15:02.040 --> 00:15:09.180  
Chris Jackson (DELWP)  
From all of our reporting major reporting partners and some technical experts as required.

00:15:12.850 --> 00:15:21.310  
Chris Jackson (DELWP)  
So document structure. We've changed up the look of the book. I'm not sure how many of you have actually had a copy posted outside my team.

00:15:21.420 --> 00:15:46.870  
Chris Jackson (DELWP)  
Come help me out by posting outs. Quite a big grouping of the of the printed copies of the standards, but at the bottom of this page you can see there's a web location and also in the meeting invite that we sent around earlier today. I've included the link there. So as we go further you can follow along on your own if you want to actually look at the changes in the book.

00:15:48.010 --> 00:16:11.940  
Chris Jackson (DELWP)  
One of the significant changes was a lot more guidance in it's about literally how to use the standards. The key part of that is that we've broken the standard up into five parts. Part One is an overview, and as you can see, includes an introduction and the features of the book, and then it refers to some of the other related documents that you'll need on a program specific basis.

00:16:13.390 --> 00:16:15.280  
Chris Jackson (DELWP)  
Part 2 is the common attributes.

00:16:16.400 --> 00:16:35.670  
Chris Jackson (DELWP)  
The name somewhat speaks for itself, but I'll just reiterate that the common attributes, the expectation, is that those attributes will be collected for all outputs unless otherwise stipulated in your funding agreement, so that's why they're common. They're designed to be collected across all outputs.

00:16:36.450 --> 00:17:03.040  
Chris Jackson (DELWP)  
Why do we have them come? The first point is that you can't compare things if you don't have a common attribute. If you don't have one single defining factor that's common to all, then you can't compare them. It's very difficult to do so, so that's why we have the common attributes, and we've made a few changes to those to make them more appropriate for user needs based on feedback in the workshops.

00:17:04.770 --> 00:17:09.280  
Chris Jackson (DELWP)  
The upward data, so the collection and reporting requirements. That's the bulk of the book.

00:17:09.690 --> 00:17:22.640  
Chris Jackson (DELWP)  
Uhm, that's the data standard as you would previously nodes and it describes the terminology, the rationale, and the scope of each of the various reporting areas.

00:17:23.920 --> 00:17:52.130  
Chris Jackson (DELWP)  
Uh, governance arrangements in Section 4 and this was a key point of contention when I first started and so we set up a comprehensive governance framework and there's a generic email address that gets distributed to a small group within the ICM team that monitors requests for changes to the standards, and we get oversight from the NRM directors group that Adam was talking about earlier.

00:17:53.140 --> 00:17:58.820  
Chris Jackson (DELWP)  
And then part five is appendices that includes a whole manner of things from.

00:17:58.880 --> 00:17:59.500  
Chris Jackson (DELWP)  
Uhm?

00:18:00.630 --> 00:18:06.790  
Chris Jackson (DELWP)  
Terminology and definitions to expected management outcomes and also.

00:18:06.840 --> 00:18:09.620  
Chris Jackson (DELWP)  
Umm, I units of measure table.

00:18:09.790 --> 00:18:16.640  
Chris Jackson (DELWP)  
And that helps those that are part of the VWPIF reporting program one of DELWPs programs.

00:18:17.370 --> 00:18:24.540  
Chris Jackson (DELWP)  
Uh, helps people come reports consistently. Against that those investments streams.

00:18:28.710 --> 00:18:33.540  
Chris Jackson (DELWP)  
Uh, so throughout the book you'll see that there are light blue or.

00:18:33.720 --> 00:18:34.080  
Russel Haque  
Yes.

00:18:36.370 --> 00:18:40.470  
Chris Jackson (DELWP)  
I just got some. Is there a question in there? Sorry there was a noise out of the blue.

00:18:41.000 --> 00:18:51.040  
Chris Jackson (DELWP)  
Uhm, throughout the book you'll find that there's a hyperlinks, and they're highlighted in bold blue basically, so that's how you navigate your way around.

00:18:51.590 --> 00:19:01.240  
Chris Jackson (DELWP)  
Uhm, if it's highlighted bold and blue, you can click on it and it'll take you to that section or it'll take you external. For example, the integrated reporting page, which is where.

00:19:02.550 --> 00:19:04.380  
Chris Jackson (DELWP)  
The documents are currently hosted.

00:19:08.200 --> 00:19:10.790  
Chris Jackson (DELWP)  
OK, and overview of the changes.

00:19:12.630 --> 00:19:38.580  
Chris Jackson (DELWP)  
So one of the key changes was updated Aboriginal outputs terminology. We spent a few meetings discussing this because there is a whole bunch of nuance across the various regions regarding Aboriginal outputs terminology. We sought input from the Aboriginal self-determination reform branch, and we aligned to the language that we've used throughout the documents with their advice.

00:19:40.230 --> 00:19:47.300  
Chris Jackson (DELWP)  
We also aligned a range of outputs via an IT environment type attributes. I'll demonstrate some of that.

00:19:47.350 --> 00:19:54.180  
Chris Jackson (DELWP)  
Some further on in the presentation, but ostensibly it was a method for aligning.

00:19:55.050 --> 00:19:55.720  
Chris Jackson (DELWP)  
Uhm?

00:19:56.680 --> 00:20:01.180  
Chris Jackson (DELWP)  
Outputs that were previously a bounce products or services.

00:20:01.910 --> 00:20:02.470  
Chris Jackson (DELWP)  
Uhm?

00:20:03.560 --> 00:20:17.770  
Chris Jackson (DELWP)  
Without a reference to the landscape, it made it very difficult to compare those outputs when we receive them either virus spatial file or in a tabular format. It made it very difficult to compare.

00:20:18.610 --> 00:20:47.620  
Chris Jackson (DELWP)  
Physical items with elements of the environments. So to get around the technical arguments that we were having for once again a few technical working group meetings were spent on trying to solve this issue and the solution that we came up with was to include an employment type attribute to those outputs that didn't have a specific environment type in involved in their description.

00:20:49.380 --> 00:21:00.440  
Chris Jackson (DELWP)  
I improved common attributes to understand agency involvement better, so I'll show the exact meaning of that, but we included an on ground works agent too.

00:21:00.500 --> 00:21:09.170  
Chris Jackson (DELWP)  
The UM demonstrate the difference between the people who are being paid to manage the project and the people who are actually doing the work.

00:21:11.160 --> 00:21:15.310  
Chris Jackson (DELWP)  
Uh, we improved the linking of the data standard to the delivery standards.

00:21:15.520 --> 00:21:25.310  
Chris Jackson (DELWP)  
And this was a light bulb moment in about the middle of the seminar series of the workshop series that we held over last two years that are.

00:21:26.000 --> 00:21:44.000  
Chris Jackson (DELWP)  
A lot of people didn't actually realize that there were delivery standards that were associated with the data standard, so we've included in the common attributes a direct link, and we've got an ongoing project at the moment to one to try and fill gaps where some of those delivery standards are missing.

00:21:45.580 --> 00:21:50.870  
Chris Jackson (DELWP)  
We developed a unique site ID code that is a.

00:21:51.440 --> 00:21:56.870  
Chris Jackson (DELWP)  
Uhm, quality control measure for some of the spatial.

00:21:57.940 --> 00:22:08.410  
Chris Jackson (DELWP)  
Over reporting, I'll explain it when I when I get into the common attributes shortly, but it's basically a way of assessing whether.

00:22:09.380 --> 00:22:15.330  
Chris Jackson (DELWP)  
A series of outputs are a new outputs, or whether they're related to an old project code.

00:22:16.800 --> 00:22:24.650  
Chris Jackson (DELWP)  
We added volunteer data attributes to a majority of key outputs. That's partly due to policy input.

00:22:25.660 --> 00:22:33.360  
Chris Jackson (DELWP)  
There were, there's more interest in knowing just how much volunteer effort is being put into our programs across the board.

00:22:35.020 --> 00:22:38.350  
Chris Jackson (DELWP)  
A new chapter in management outcomes for marine and coastal policy.

00:22:38.500 --> 00:22:44.720  
Chris Jackson (DELWP)  
And they were originally incorporated into a lot of the waterway structure.

00:22:45.130 --> 00:22:45.780  
Chris Jackson (DELWP)  
Hum.

00:22:46.670 --> 00:22:55.900  
Chris Jackson (DELWP)  
A chapter, but after some nuanced discussion was decided rather than trying to demarcate.

00:22:56.650 --> 00:23:03.620  
Chris Jackson (DELWP)  
Uhm, in legalistic language at a line in landscape where marine and coastal environment finishes and.

00:23:04.770 --> 00:23:16.880  
Chris Jackson (DELWP)  
River rain or other landscapes arm starts. We would Simply put the a separate chapter in and allow people to be directed by the program. That's funding the works.

00:23:18.520 --> 00:23:30.630  
Chris Jackson (DELWP)  
Uh, we as I mentioned before we added in a lot more how to use the standard, so you'll find there's there's sections of guidance through what is now about double the size, the thickness of the book.

00:23:31.170 --> 00:23:38.590  
Chris Jackson (DELWP)  
Uhm, apologies for making the book fatter, but I think it's far more functional. Intern for those that weren't.

00:23:39.270 --> 00:23:42.600  
Chris Jackson (DELWP)  
Overly familiar with its use and or confused about some elements.

00:23:44.210 --> 00:23:55.710  
Chris Jackson (DELWP)  
And then the overall outcome of changing these things is a better relationship with the standard output data to user needs and also the evidence basis so.

00:23:55.880 --> 00:24:06.630  
Chris Jackson (DELWP)  
And believe me, that's every possible point of contention was hotly contested and resolved to the best of our ability.

00:24:07.560 --> 00:24:22.930  
Chris Jackson (DELWP)  
There are still some outstanding technical things, but by and large they were ones that were fringe issues that will get addressed overtime, but they weren't the burning issues that affect the structure or run the.

00:24:23.920 --> 00:24:27.540  
Chris Jackson (DELWP)  
The main function of the standards, so that's where we focused our with it.

00:24:32.010 --> 00:24:40.530  
Chris Jackson (DELWP)  
OK, I I think yeah. I think we'll go to a check in. I will jump into the output ID.

00:24:41.360 --> 00:24:46.510  
Chris Jackson (DELWP)  
And the common attributes as soon as we've had a chance for a checking.

00:24:49.510 --> 00:24:51.290  
Chris Jackson (DELWP)  
Any questions hands up.

00:24:49.550 --> 00:24:52.360  
Adam G Hood (DELWP)  
OK yeah, let's see.

00:24:54.090 --> 00:25:01.360  
Adam G Hood (DELWP)  
Put your hand up or put something in the chat. Come and know that there is no such thing as a silly question.

00:25:01.640 --> 00:25:08.960  
Adam G Hood (DELWP)  
I'm giving you a lot of kind of technical detail about to land on you, so ask any question now.

00:25:09.800 --> 00:25:13.140  
Adam G Hood (DELWP)  
Uh, you like, but otherwise we can know.

00:25:14.000 --> 00:25:17.770  
Adam G Hood (DELWP)  
Continue Chris, you can keep moving on, so there's no one wants to.

00:25:18.910 --> 00:25:19.900  
Adam G Hood (DELWP)  
Dude, that's fine.

00:25:21.030 --> 00:25:21.370  
Chris Jackson (DELWP)  
OK.

00:25:21.640 --> 00:25:23.770  
Chris Jackson (DELWP)  
Let's just get this one running.

00:25:28.260 --> 00:25:29.250  
Chris Jackson (DELWP)  
That's if it'll let me.

00:25:32.420 --> 00:25:33.220  
Chris Jackson (DELWP)  
There it goes.

00:25:45.400 --> 00:25:59.590  
Chris Jackson (DELWP)  
OK, so you can see here that some that hyperlink that I had inserted has just taken us through to page #13 in the booklet. If you're following along yourselves, this is the common attributes.

00:26:00.120 --> 00:26:00.620  
Chris Jackson (DELWP)  
Uhm?

00:26:02.100 --> 00:26:04.620  
Chris Jackson (DELWP)  
Adam has a limited edition copy there in the office.

00:26:05.290 --> 00:26:05.900  
Chris Jackson (DELWP)  
Uhm?

00:26:07.440 --> 00:26:22.720  
Chris Jackson (DELWP)  
So in each of the chapters, the structure is going to be very similar. The common attributes is slightly different. It doesn't have a program logic at the top of it, but it has very similar layout, so you've got your attribute data descriptions you've got.

00:26:22.780 --> 00:26:42.500  
Chris Jackson (DELWP)  
From where if this was an output chapter, it would have the terminology, but in the case of the common attributes I've just noted some of the terminology variations, so I'll let you guys. I won't read that out to you, but basically we'll find some minor variations between the contexts.

00:26:45.330 --> 00:26:47.160  
Chris Jackson (DELWP)  
So in terms of, uh.

00:26:49.180 --> 00:27:09.710  
Chris Jackson (DELWP)  
Common attributes the one of the key changes that we made aren't to enable the breadth of spatial sophistication across the various systems that use these standards was to modify the output ID to include a reference to the year.

00:27:10.810 --> 00:27:14.000  
Chris Jackson (DELWP)  
And that was to ensure that.

00:27:15.430 --> 00:27:18.010  
Chris Jackson (DELWP)  
There is some flexibility in the numbering system.

00:27:18.380 --> 00:27:19.150  
Chris Jackson (DELWP)  
Uhm?

00:27:20.230 --> 00:27:40.210  
Chris Jackson (DELWP)  
At the front, the front Tom several digits. There is some flexibility and some of the CMA's in particular already have systems that generate this number for them, but we didn't set up rules or my predecessors didn't set up rules that would prevent a clash of.

00:27:41.010 --> 00:27:48.920  
Chris Jackson (DELWP)  
Uh, either the re use of a number in future accidentally, or two independent systems generating the same number.

00:27:50.060 --> 00:27:54.020  
Chris Jackson (DELWP)  
So this time rounds we stipulated that we would add a dash.

00:27:54.080 --> 00:28:14.910  
Chris Jackson (DELWP)  
Catch up with the financial year in the code to guarantee that if you followed this Convention, there would be no chance that you would reuse the codes in a subsequent financial year, for example, and that gave us the ability to use the same code.

00:28:15.400 --> 00:28:29.410  
Chris Jackson (DELWP)  
Uhm, across multiple years and in an automated system that could do some of what in the previous version of the standard was a very manual based process where we cross check this stuff by I.

00:28:32.320 --> 00:28:38.980  
Chris Jackson (DELWP)  
Uh, the others. The output standard data standard version. We included that and the output delivery standard version.

00:28:40.020 --> 00:29:00.230  
Chris Jackson (DELWP)  
You'll see that we have level 1-2 and three in there. Those are we. We inserted that as a recommendation and that's just to give our program areas some flexibility about the level of detail that they wanted to go into with the delivery standards. And so if you're unsure, just.

00:29:01.320 --> 00:29:02.940  
Chris Jackson (DELWP)  
Version, it's required level 1.

00:29:06.860 --> 00:29:11.790  
Chris Jackson (DELWP)  
Project ID I think I'm just bringing up make sure I'm not missing one of those lists.

00:29:18.560 --> 00:29:21.930  
Chris Jackson (DELWP)  
Unix side ID are the delivery agent. Sorry, yes.

00:29:22.950 --> 00:29:37.680  
Chris Jackson (DELWP)  
OK, so in the previous version of the standards and there was a common attribute referred to as delivery agent and and that was to stipulate the person who was ostensibly managing the project.

00:29:38.580 --> 00:29:57.910  
Chris Jackson (DELWP)  
You'll note that this time around I actually included dealt and government government agencies in there because there are circumstances where one program area might seconde assistance from another program area to deliver or another dog portfolio to deliver.

00:29:58.650 --> 00:30:07.570  
Chris Jackson (DELWP)  
Uhm, and we also needed to make the differentiation between those that are managing the contracts, which is typically.

00:30:07.920 --> 00:30:12.810  
Chris Jackson (DELWP)  
From one of the Land Management agencies, delve included.

00:30:13.570 --> 00:30:14.180  
Chris Jackson (DELWP)  
Uhm?

00:30:14.940 --> 00:30:25.130  
Chris Jackson (DELWP)  
Versus the people who are actually doing the work on the ground. And that's an important difference that we needed to be able to bring out of the data because.

00:30:25.200 --> 00:30:39.900  
Chris Jackson (DELWP)  
Come in particular, we it one of the policy imperatives was to be able to provide more nuanced information about how much we're supporting regional business and regional investments.

00:30:41.290 --> 00:30:49.200  
Chris Jackson (DELWP)  
And so this this allows you to see that you've got a a management level and you've also got a works level within the investment.

00:30:52.530 --> 00:30:57.480  
Chris Jackson (DELWP)  
Further down the unique site ID, this is another big one.

00:30:59.920 --> 00:31:15.160  
Chris Jackson (DELWP)  
So the next site ID, it's we developed it in response to some detailed work that was done by some spatial experts on Delts behalf are several years back.

00:31:15.670 --> 00:31:16.440  
Chris Jackson (DELWP)  
Uhm?

00:31:17.060 --> 00:31:19.720  
Chris Jackson (DELWP)  
We were looking at a.

00:31:20.770 --> 00:31:29.090  
Chris Jackson (DELWP)  
Assessing the quality and the usability of historical data. In this case, it was specific to the riparian programs.

00:31:29.770 --> 00:31:43.200  
Chris Jackson (DELWP)  
Uhm, and one of the things that was raised as an issue was the double counting, or the overestimation of works undertaken because of the scale.

00:31:44.050 --> 00:31:44.470  
Chris Jackson (DELWP)  
At which.

00:31:44.530 --> 00:31:50.220  
Chris Jackson (DELWP)  
Which, uh, the sites were drawn or estimated via the map.

00:31:51.220 --> 00:32:17.230  
Chris Jackson (DELWP)  
And the solution that was suggested to solve this as an issue which to assign where you are going to return to a site more than once. So if it's not a one off job you should apply a unique site ID to that site so that you're not double, triple, or quadruple counting the same. For example, hectare measure of improved riparian zone.

00:32:18.440 --> 00:32:36.510  
Chris Jackson (DELWP)  
So that's extensively in in greater detail. What's written in here? The description we put a fair bit of detail into, but I'm happy to go with examples for individuals in the more the theme specific sessions that will run later if need be.

00:32:41.810 --> 00:32:49.050  
Chris Jackson (DELWP)  
In Psalms, Yup, so that's that's the common attributes, and so we're now into the changes to the.

00:32:49.010 --> 00:32:49.510  
Adam G Hood (DELWP)  
Chris

00:32:49.100 --> 00:32:50.190  
Chris Jackson (DELWP)  
He wants.

00:32:50.540 --> 00:32:54.380  
Adam G Hood (DELWP)  
Chris, I'm artist. Grab you there 'cause before you go into that, there's a question.

00:32:55.230 --> 00:33:08.340  
Adam G Hood (DELWP)  
From David in the chat, and I think it's David might have his hand up as well. So David, do you wanna just ask your question? That might be as good as anything. We've it's good, it's in the side chat as well. It's about.

00:33:00.870 --> 00:33:01.410  
Chris Jackson (DELWP)  
Oh yes.

00:33:09.590 --> 00:33:11.970  
Adam G Hood (DELWP)  
Uh, unique identifiers for outputs.

00:33:12.750 --> 00:33:22.120  
David Rohrlach  
Yeah, so I'm a data analyst. The UM, the unique ID that it sounds good, but it in.

00:33:23.860 --> 00:33:28.270  
David Rohrlach  
It sounds like the unique ID is used.

00:33:28.990 --> 00:33:52.110  
David Rohrlach  
To link some outputs together and therefore it's no longer unique. For instance, the fence has a line and then the secondary output. The defenses of Polygon states that it must use the same ID. Therefore it's no longer unique 'cause you want to use it for indexing purposes, so that's kind of got me a bit worried that it's classed as a unique ID, but it's not.

00:33:53.420 --> 00:33:58.810  
Chris Jackson (DELWP)  
Yeah, so and we went into great detail on this particular question with our.

00:33:59.090 --> 00:34:10.170  
Chris Jackson (DELWP)  
Some experts from spatial vision who ostensibly built the geodatabase that the previous iterations of the Geodatabase and the current geodatabase too.

00:34:11.760 --> 00:34:13.790  
Chris Jackson (DELWP)  
Raid and resolve this issue.

00:34:14.420 --> 00:34:24.330  
Chris Jackson (DELWP)  
A man in the current version where we have two spatial elements for fence line. We have a line feature and we have an area feature.

00:34:25.480 --> 00:34:35.910  
Chris Jackson (DELWP)  
They are related to each other via the same output ID code. However the spatial feature has no other attributes associated with it.

00:34:36.870 --> 00:34:38.130  
Chris Jackson (DELWP)  
And ah.

00:34:38.780 --> 00:34:52.640  
Chris Jackson (DELWP)  
Went at the dope end of the system we intend to design the Dell vendor the system to take that data and reconcile it as a relational table or related entity as opposed to individual items.

00:34:55.650 --> 00:34:56.860  
Chris Jackson (DELWP)  
Does that mean for now?

00:34:55.700 --> 00:35:07.510  
Adam G Hood (DELWP)  
Uh, because the because they are actually related. So the the fence Polygon is actually a an S and an area statement around what that fence is actually impacting on is that correct, Chris?

00:35:07.900 --> 00:35:27.020  
Chris Jackson (DELWP)  
Yes. So all of the attribute data is on the line feature, which is historically accurate. That's the way it was before. But we're relating a spatial and area of Polygon feature to that line feature to make sure that we're capturing area protected.

00:35:08.320 --> 00:35:09.620  
Adam G Hood (DELWP)  
Yeah, so that's.

00:35:27.900 --> 00:35:57.590  
Adam G Hood (DELWP)  
So excellent question. Thanks David, and we'll take that as everything that's asked today gives us a bit of a sense of some focus that we need to have as we go forward in trying to explain the where we're at. So please others if you've got any questions like this, just throw them in the chat, even if you don't want to actually ask them. We very helpful for us going forward. Get you to keep moving along. Chris, 'cause we're in the good half an hour plus of our of our time, so thank you, Dave.

00:35:57.890 --> 00:35:58.430  
Adam G Hood (DELWP)  
Thanks Chris.

00:36:03.930 --> 00:36:09.560  
Chris Jackson (DELWP)  
OK, so I'm going to get into some examples of some of the changes.

00:36:10.190 --> 00:36:19.380  
Chris Jackson (DELWP)  
On that we've made in the actual attributes to be collected and will go to pest animal control. First, let's see if it lets me.

00:36:34.960 --> 00:36:35.850  
Chris Jackson (DELWP)  
To be able to.

00:36:36.870 --> 00:36:40.030  
Chris Jackson (DELWP)  
Zoom in for you. Sorry yeah, it's dumb.

00:36:42.450 --> 00:36:43.690  
Chris Jackson (DELWP)  
Civil engineering.

00:36:43.730 --> 00:37:01.820  
Adam G Hood (DELWP)  
It's alright, I if I'll just give people a if if people are wanting to zoom you hold down your control key and use your roller scroller on your mouse. You can't do it Chris, but we can. It'll just increase the size of the inline document that's been shown control plus the scroll of your mouse everyone.

00:36:45.210 --> 00:36:45.820  
Chris Jackson (DELWP)  
You can read it.

00:37:03.890 --> 00:37:04.820  
Chris Jackson (DELWP)  
Apologies for that then.

00:37:06.230 --> 00:37:17.200  
Chris Jackson (DELWP)  
OK, so this is, uh, output within the new data standards you'll notice that it's follows the.

00:37:17.250 --> 00:37:24.420  
Chris Jackson (DELWP)  
Yeah, the regular structure that you would have seen before it's got the scope the related outputs and the terminology in there.

00:37:24.990 --> 00:37:40.040  
Chris Jackson (DELWP)  
Uhm, however, you'll notice that under the scope we've included on a bit more how to and in in particular in pest animal control, we've included the species buffer distances.

00:37:40.670 --> 00:37:49.340  
Chris Jackson (DELWP)  
As a middle ground towards the pending improvements to the delivery standard in that space.

00:37:50.270 --> 00:37:53.510  
Chris Jackson (DELWP)  
Rather than put the impulse dollars, including.

00:37:53.880 --> 00:38:04.010  
Chris Jackson (DELWP)  
Uhm, this level of detail in the actual outputs themselves in in the collectible data, we decided that we put it in the description.

00:38:04.800 --> 00:38:18.810  
Chris Jackson (DELWP)  
And you'll find that this the scope and terminology for most of the outputs has been expanded to try and help people with understanding the logic behind why and how things have been collected.

00:38:20.860 --> 00:38:22.550  
Chris Jackson (DELWP)  
So I'll just move down, you'll see.

00:38:23.930 --> 00:38:36.590  
Chris Jackson (DELWP)  
The terminology the standard stuff is there are but the new stuff that you may not have seen before is the environment type. So this allows you to define.

00:38:37.200 --> 00:38:44.090  
Chris Jackson (DELWP)  
Uhm, where in the landscape? Otherwise non environmental descriptions would have been.

00:38:46.310 --> 00:38:51.020  
Chris Jackson (DELWP)  
You'll also find that for some of the crossover areas. So for example wetlands.

00:38:52.410 --> 00:39:10.400  
Chris Jackson (DELWP)  
Stream and River Dell it relevant to different outputs. There will be slight nuances in the language just to make sure that it's aligns with the language that's relevant to that program, and also relevant to the best practice terminology for that particular focal area.

00:39:12.800 --> 00:39:15.850  
Chris Jackson (DELWP)  
And then you'll find the program logic.

00:39:16.930 --> 00:39:40.960  
Chris Jackson (DELWP)  
Which describes the expected management outcomes. So as with the previous version of the standards, you can have your own expected management outcome and describe that in your project documentation, but we've provided a list for you in Section 5 of the documents in the appendices, and you can just follow the logic diagram here to see.

00:39:41.200 --> 00:39:46.960  
Chris Jackson (DELWP)  
From what your management outcome is and what the PEST animal control is contributing to.

00:39:49.910 --> 00:39:59.450  
Chris Jackson (DELWP)  
And then the next or the final section for each of the outputs is the table itself of the specific attributes.

00:40:01.160 --> 00:40:09.870  
Chris Jackson (DELWP)  
So these are the bits that you will collect in the field and then report back to to dope. And it describes your spatial objects as well.

00:40:12.500 --> 00:40:15.490  
Chris Jackson (DELWP)  
Alright, let's close that one off. Then we jump into the next one.

00:40:16.210 --> 00:40:19.100  
Jeanette Rout (DELWP)  
Uh, Chris, we've got a question in the chat from Andrew Morrison.

00:40:19.440 --> 00:40:20.130  
Chris Jackson (DELWP)  
Sure.

00:40:19.710 --> 00:40:22.650  
Jeanette Rout (DELWP)  
Entered you wanna ask Chris your question?

00:40:23.390 --> 00:40:25.230  
Jeanette Rout (DELWP)  
And then followed by Darren quickly.

00:40:23.830 --> 00:40:24.210  
Andrew Morrison  
Yes.

00:40:26.250 --> 00:40:37.810  
Andrew Morrison  
Yeah thanks yeah so Chris. Obviously like it's a bit dependent on where your funding stream and what the objective or the target species that you're delivering. A feral cat program for example.

00:40:38.410 --> 00:40:50.660  
Andrew Morrison  
Which might be predominantly funded out of a Rams are wetland program, but obviously the majority of work benefits that terrestrial landscape two. So what's the guidance there?

00:40:51.230 --> 00:41:07.030  
Chris Jackson (DELWP)  
Yeah, so where you've got a crossover like that and overlap the guidance in this document states that are the two elements the two separately funded elements are to be described as separate outputs.

00:41:07.640 --> 00:41:18.370  
Chris Jackson (DELWP)  
If they funded by the same group or program, it is the majority rules. So if the majority of the investment is on one.

00:41:18.560 --> 00:41:19.160  
Chris Jackson (DELWP)  
Ah.

00:41:20.720 --> 00:41:24.090  
Chris Jackson (DELWP)  
Error if the lane Skype versus the other. That's the one that rules.

00:41:24.940 --> 00:41:50.780  
Chris Jackson (DELWP)  
Uh, apart from that we have to leave some flexibility in there because there is still some Gray area and it really is up to the project manager to choose at that point. If you've gone through those other selections and it's a single funding source and it's exactly 50% over either side of what what you would consider to be a threshold, then it's pretty much best informed guests of who the project manager is.

00:41:51.870 --> 00:41:59.040  
Andrew Morrison  
OK, no worries, and that's articulated in the in the guidance notes there. Beautiful, great thanks, Chris.

00:41:56.600 --> 00:41:57.830  
Chris Jackson (DELWP)  
Yes it is, yeah.

00:41:58.600 --> 00:42:24.310  
Adam G Hood (DELWP)  
Yeah, and then and just really importantly there that these are the, you know, one of the things here is that both that we're all adults doing this work and that your guidance will come from your direct funding regime so that you're getting clarity from that. It's a good checking, but there's guidance in there. The other one, sorry, can you select from multiple environment types out is that? Is that what you asked as well, Andrew?

00:42:17.810 --> 00:42:18.050  
Andrew Morrison  
Yeah.

00:42:24.690 --> 00:42:27.430  
Chris Jackson (DELWP)  
Yeah, that was Andrews, the promise?

00:42:25.660 --> 00:42:27.100  
Andrew Morrison  
Yeah, that is yeah.

00:42:25.710 --> 00:42:28.340  
Adam G Hood (DELWP)  
OK, that's it. So that's fine.

00:42:28.780 --> 00:42:29.410  
Andrew Morrison  
High scores.

00:42:30.010 --> 00:42:33.580  
Jeanette Rout (DELWP)  
Now we have Darren with a question as well. Darren, do you want to go next?

00:42:31.210 --> 00:42:32.130  
Adam G Hood (DELWP)  
Darren yeah.

00:42:34.560 --> 00:42:44.220  
Darren Baldyga  
Sure, I guess if I just bring it the level up a bit higher, we're given a lot more detail around the spatial reporting guidance. You know, like buffering track logs.

00:42:44.800 --> 00:42:49.980  
Darren Baldyga  
Uh, calesia virus for rabbits is 2 kilometres, albeit all baiting is 1 kilometre.

00:42:50.680 --> 00:42:51.280  
Darren Baldyga  
Uh, it.

00:42:51.920 --> 00:42:59.340  
Darren Baldyga  
Are we still able to use that or we just taking? I think maybe adding you answer with my son we take guidance from the fund source itself.

00:43:00.920 --> 00:43:01.480  
Adam G Hood (DELWP)  
Yeah.

00:43:01.040 --> 00:43:05.450  
Chris Jackson (DELWP)  
Yeah, the default in those scenarios where there's competing with us.

00:43:05.990 --> 00:43:13.740  
Chris Jackson (DELWP)  
Uh, you know is don't bite the hand that feeds you. The funding source is the place that defines the specifics.

00:43:14.310 --> 00:43:31.040  
Chris Jackson (DELWP)  
Uh, we will try and help align those things as best we can, but remembering that this standard is the base minimum that is to be applied across the board, so it's not going to have the same nuance as you would get from your Funding Agency.

00:43:34.600 --> 00:43:59.780  
Adam G Hood (DELWP)  
Yeah, and I think I'll just start quickly. Grab it. I. I also think that the sum of the essence in here is starting to get into guidance of delivery and I really need to stress that they sometimes these things get a bit confounded, so measuring what we did and where we did it is a little bit different to the rules about how we're going to do our work. So just stress that now.

00:44:00.370 --> 00:44:23.560  
Adam G Hood (DELWP)  
And I'll just stress also that for us to be able to get through today we will have many more workshops that focus on individual elements of this and keep putting your questions in the chat. But we might not be able to get to the detailed answer of all of them, but just recognize that if it's if it's about how you're going to collect data and then send it back to us.

00:44:24.540 --> 00:44:36.220  
Adam G Hood (DELWP)  
Go for it. 'cause that's really what we're trying to get to here today. So Laura is got a question in before I, I do wanna let Chris move on a bit since we've nearly an hour into the thing. But Laura, did you wanna just?

00:44:37.270 --> 00:44:38.140  
Adam G Hood (DELWP)  
A question that.

00:44:38.580 --> 00:44:48.030  
Laura Chant  
Yeah, so it's just a quick question with the specific activities. Can you select multiple? So obviously with foxers bait and shoot or with rabbits harbor destruction fumigate.

00:44:49.010 --> 00:44:51.470  
Chris Jackson (DELWP)  
Yes, we're shifting that way there is.

00:44:51.560 --> 00:44:52.970  
Chris Jackson (DELWP)  
I am.

00:44:53.870 --> 00:45:08.320  
Chris Jackson (DELWP)  
8 outputs that I've allowed multiple inputs to off the top of my head. I can't list them in that level of detail, but I think we'll actually covered that in probably the biodiversity themed.

00:45:08.990 --> 00:45:26.820  
Chris Jackson (DELWP)  
Meeting 'cause I'll have all of the details for each of those ones there, but there are in terms of the design of the geodatabase. I had the new GEODATABASE modified a little bit to allow some multiple attributes which adds complexity for us, but we're setting up tools to help us with that.

00:45:28.800 --> 00:45:29.370  
Laura Chant  
Thanks.

00:45:29.340 --> 00:45:29.620  
Adam G Hood (DELWP)  
Yeah.

00:45:30.210 --> 00:45:32.790  
Adam G Hood (DELWP)  
Excellent questions keep going Chris Pixel.

00:45:30.300 --> 00:45:30.670  
Chris Jackson (DELWP)  
Right?

00:45:32.730 --> 00:45:33.090  
Chris Jackson (DELWP)  
Bill.

00:45:35.330 --> 00:45:43.420  
Chris Jackson (DELWP)  
OK, I'll jump into another example of a chapter waterways structure. It's got some unique bits that were added.

00:45:49.050 --> 00:46:05.120  
Chris Jackson (DELWP)  
OK, so once again follows the standard layout, the title and the output number, and then the related outputs. The terminology once again, it's got those environments types in it, and it's the standard terminology that you would come to expect.

00:46:05.830 --> 00:46:25.290  
Chris Jackson (DELWP)  
Some of those terms will have changed if you're an absolute standards nerd, you'll notice that we've actually tided up some of the terminology in there, but the biggest change to our waterways structure is that we've incorporated some advice from DRI fact sheet with regard to.

00:46:25.350 --> 00:46:29.330  
Chris Jackson (DELWP)  
The complexity of our instream habitat.

00:46:30.300 --> 00:46:43.490  
Chris Jackson (DELWP)  
And and that is reflected in the outputs that are listed in the table as well. So we've given you a decent description there and also the hyperlink to jump to the RI Guidance note itself.

00:46:44.210 --> 00:46:45.730  
Chris Jackson (DELWP)  
And then we've included it.

00:46:46.370 --> 00:46:46.980  
Chris Jackson (DELWP)  
Uhm?

00:46:49.600 --> 00:46:53.310  
Chris Jackson (DELWP)  
Dan, in the specific attributes as well, so you'll see.

00:46:55.060 --> 00:47:03.240  
Chris Jackson (DELWP)  
Lodge would ABC and D that relates to specific categories that are in that guidance note from our right and we've also.

00:47:04.140 --> 00:47:09.460  
Chris Jackson (DELWP)  
Where previously we would have just had an error measurements, there was some.

00:47:09.950 --> 00:47:15.090  
Chris Jackson (DELWP)  
Ah, really valuable input from the marine and coastal team that.

00:47:15.330 --> 00:47:29.360  
Chris Jackson (DELWP)  
Uh, ended up changing the way that we viewed this particular attribute, and for both this and a marine and coastal, we changed to an area and or size measurements and.

00:47:29.410 --> 00:47:53.700  
Chris Jackson (DELWP)  
Uhm, that allows us where there are line object and it's more appropriate to be aligned objects that can look at it that way. Otherwise if it's less than these terms here you know more than 20 meters squared or 10 to 20 meters squared. You can refer to it as a point object or an area object so that just gives us the ability to interrogate the data where it's in a more accurate representation.

00:47:55.520 --> 00:47:57.490  
Chris Jackson (DELWP)  
Jumped out of that one again and keep cracking.

00:48:00.730 --> 00:48:03.560  
Chris Jackson (DELWP)  
Marine coastal structure I better jump in there 'cause it's brand new.

00:48:10.370 --> 00:48:13.850  
Chris Jackson (DELWP)  
So you're probably getting the idea of the structure of the thing again.

00:48:14.240 --> 00:48:25.910  
Chris Jackson (DELWP)  
Uhm, Skype is at the top related outputs and then terminology and of course there's the environment types listed in there and then some of the specifics.

00:48:26.560 --> 00:48:34.510  
Chris Jackson (DELWP)  
Uh, revetment, for those who are into the detail of the differences there, there are two versions of revetments.

00:48:34.840 --> 00:48:44.790  
Chris Jackson (DELWP)  
Uhm, and their relevant one is relevant to land based earthworks, and one is relevant to marine and coastal. So I'll let you look up the detail there that we've referred to.

00:48:46.740 --> 00:48:48.280  
Chris Jackson (DELWP)  
Ah, the program logic.

00:48:49.590 --> 00:49:05.470  
Chris Jackson (DELWP)  
So this was a really good collaborative work. This one I'll have to pay some credit to RMCG who slaved away for a few weeks with the marine and coastal team to come up with these expected management outcomes and this design.

00:49:06.420 --> 00:49:10.950  
Chris Jackson (DELWP)  
So I have a lot of hair pulling up at LY seminars.

00:49:12.170 --> 00:49:24.160  
Chris Jackson (DELWP)  
And then that's the outputs, so you'll notice that in particular the marine and coastal guys opted to go with a Polygon structure they thought saw that as more valuable than the error in line feature.

00:49:27.380 --> 00:49:31.670  
Chris Jackson (DELWP)  
OK, I believe for into another. Yes, we are into another check in.

00:49:34.620 --> 00:50:03.060  
Adam G Hood (DELWP)  
Really good, some comments or just say Adrian Kitchen. Thank you very much. There's some great work done on the waterway structures and the teams that have supported Chris. Uh, across someone who can say who they are a bit later on. But and but yeah, some really good work done from autoway programs or any coastal areas. Biodiversity in DELWP, as well as CMA's. So great stuff.

00:50:04.740 --> 00:50:05.660  
Adam G Hood (DELWP)  
Any questions?

00:50:13.820 --> 00:50:16.390  
Chris Jackson (DELWP)  
OK, I'll keep going if it's the case.

00:50:17.520 --> 00:50:32.310  
Adam G Hood (DELWP)  
Are there we go or do we got one just now? So Geodatabase has it been distributed to stakeholders as well. I can answer that. No it hasn't. But if you come to the workshop next week, put your name onto the workshop next week. When is the date of their workshop just.

00:50:17.610 --> 00:50:17.980  
Chris Jackson (DELWP)  
Right?

00:50:18.030 --> 00:50:18.900  
Chris Jackson (DELWP)  
So oh.

00:50:25.730 --> 00:50:26.100  
Chris Jackson (DELWP)  
Yep.

00:50:32.200 --> 00:50:39.140  
Chris Jackson (DELWP)  
16th of September. It's another Thursday. Yeah, I haven't sent out invite yet, so yeah.

00:50:34.070 --> 00:50:35.420  
Adam G Hood (DELWP)  
16th of September.

00:50:36.560 --> 00:50:37.370  
Adam G Hood (DELWP)  
Yeah, 16th.

00:50:39.180 --> 00:50:49.900  
Adam G Hood (DELWP)  
Sorry Chris. 16th of September, if you come to that, put your name on that and it'll be in the well. You're basically get that on the day that we kind of go through it. That's the way we'll do it.

00:50:51.170 --> 00:51:07.020  
Adam G Hood (DELWP)  
Just so that it's final, we're going through final kind of confirmation of the checking and control quality control of that. And on the day when we present or will provide it, and it's good. It's a good step forward, great.

00:51:09.950 --> 00:51:17.290  
Chris Jackson (DELWP)  
OK, so the next new element we've covered the overview garden, so I'm not going to jump in there. I think you get the drift.

00:51:17.350 --> 00:51:31.690  
Chris Jackson (DELWP)  
Uh, maybe it's the overview. Guidance shows you just gives you an easy step into the document. If you haven't used it before and guides you around. So if you're a practitioner or a program officer, the difference of importance for you in the various areas.

00:51:32.670 --> 00:51:46.230  
Chris Jackson (DELWP)  
And the bit that is, uh, has kind of fat and the document a bit, but I think adds a lot of value to the document. Is the chapter specific guidance, and so I'm just going to click on, click into that and I'll show you one that's.

00:51:46.290 --> 00:51:49.450  
Chris Jackson (DELWP)  
Uhm, that's fairly important.

00:52:02.030 --> 00:52:05.740  
Chris Jackson (DELWP)  
So under environmental works, which is Chapter 2.

00:52:05.790 --> 00:52:14.610  
Chris Jackson (DELWP)  
Here you can see the headline of each of the main chapters. It shows you the outputs and the output types that fit under there.

00:52:15.200 --> 00:52:15.930  
Chris Jackson (DELWP)  
Uhm?

00:52:16.690 --> 00:52:46.720  
Chris Jackson (DELWP)  
All notes, UM, just because I didn't do so earlier. I'm under vegetation. We've included EVC structure and diversity, so it is in terms of the level of detail collectors. It follows the same alignments, the same level of granularity and detail as the waterway structure. So the instream habitat follows classes like this, which is why we included EB, because for the bio guys.

00:52:47.020 --> 00:52:51.930  
Chris Jackson (DELWP)  
ABC adds a lot of value to the data set for them for a fairly simple change.

00:52:53.100 --> 00:53:04.720  
Chris Jackson (DELWP)  
And so, at the head of each, each of the main chapters you see you get an overview. You can click on these. These are also hyperlinks so you can click on these and all jump to that. That error of the book.

00:53:05.920 --> 00:53:26.720  
Chris Jackson (DELWP)  
But immediately following that at the head of most chapters, I've included guidance from various areas of the Old spatial guidance nodes, the Mer framework, and various different places. So I've included that in the headline to the chapter to help you understand.

00:53:27.520 --> 00:53:28.070  
Chris Jackson (DELWP)  
Ah.

00:53:28.890 --> 00:53:44.690  
Chris Jackson (DELWP)  
How we want you to collect the data. Why it's done in a particular way and to try and undo some of the technical elements of the terminology use so one of the specific cases that we worked on is.

00:53:46.620 --> 00:54:00.050  
Chris Jackson (DELWP)  
We trialed various very detailed diagrams in this space. I'm trying to explain this difference and in the end we ended up back with a green fields with orange clouds in the.

00:54:01.180 --> 00:54:11.910  
Chris Jackson (DELWP)  
Which I found a bit funny after it took weeks to get back to this it took weeks of backwards and forwards with a graphic designer, but we came back to this and I think it tells the story pretty clearly.

00:54:12.570 --> 00:54:43.120  
Chris Jackson (DELWP)  
Uhm, so this was one of the biggest error areas of arrow in the returned data, and that was the overreporting of areas. So if someone had a project area they were reporting that the whole project area had been treated and all serve aid for weeds when in actual fact the error is much closer to what's shown on the left hand side here. So we've included the advice. We've shown some percentages both visually and in words.

00:54:43.410 --> 00:54:49.260  
Chris Jackson (DELWP)  
Like really hoping to help new users dispose of the standards, understand that that's what we're after.

00:54:50.130 --> 00:54:59.560  
Chris Jackson (DELWP)  
So there's a bit of that chapter guidance at the head of each of the primary chapters I'm I won't spend anymore time on that. They'll just jump into the next bit.

00:55:02.990 --> 00:55:04.470  
Chris Jackson (DELWP)  
How it's gonna go back in this story.

00:55:05.820 --> 00:55:06.430  
Chris Jackson (DELWP)  
Elsewhere.

00:55:08.360 --> 00:55:16.190  
Chris Jackson (DELWP)  
OK, now into the extra nerdy bit that I like, so the spatial and technical.

00:55:16.580 --> 00:55:23.110  
Chris Jackson (DELWP)  
Some elements of the standards are. These are some pretty big steps forward. There are only small in terms of.

00:55:23.170 --> 00:55:41.240  
Chris Jackson (DELWP)  
Uh, changes to the, UM, the programming, but they they're huge steps in terms of what it allows us to do with the data and how it allows us to manage it in moving forward. So we're taking small steps towards our relational.

00:55:41.880 --> 00:55:42.610  
Chris Jackson (DELWP)  
Database.

00:55:43.580 --> 00:55:53.430  
Chris Jackson (DELWP)  
Essentially, from a flat file database, which was the old old version, we still have to account for the fact that a good percentage of our reporting partners.

00:55:54.230 --> 00:56:21.660  
Chris Jackson (DELWP)  
Uhm, don't have sophisticated enough systems to deal with anything but flat, either flat files or flat spatial files. They're very geodatabase design. That they're right. It's a very simplistic ends, but we also have our reporting partners who have very complex and sophisticated systems, and where we're not trying to jump all the way to the right hand end of the spectrum. What we're attempting to do is to.

00:56:22.270 --> 00:56:37.990  
Chris Jackson (DELWP)  
Uhm, incrementally improve the ability of dealt to work with this data and the ability of both ends of the spectrum to be able to do more complex analysis and then the other projects that that Adam has me working on is.

00:56:38.040 --> 00:56:52.100  
Chris Jackson (DELWP)  
Uh, to help build, build the tools that will be able to consume that information and turn it into the best practice data that we have where you can fully interrogated and we're part way there where we're working towards that at the moment.

00:56:52.860 --> 00:56:57.990  
Chris Jackson (DELWP)  
So the way this works out two spatial features as Andrew. Sorry no.

00:56:58.050 --> 00:57:28.850  
Chris Jackson (DELWP)  
Uh, it wasn't there was asking before it was David. Sorry as David mentioned before, there's two spatial features for some objects. Now we have an either or relationship and both of our relationship. So in 1.9 output fence we have a line feature showing the location of the structure and we have a Polygon showing the area protected by the structure. So those two things are linked by the unique ID code.

00:57:29.890 --> 00:57:55.190  
Chris Jackson (DELWP)  
The other Jewel spatial feature that we have is 4.2 management agreement and it's an either or relationship, so that is a point feature showing the relation, the location of the head office or a Polygon feature showing the area of the agreement and the details of which one of those two you should use are described in detail in the chapter with improved that advice.

00:57:56.530 --> 00:58:06.800  
Chris Jackson (DELWP)  
In terms of relational tables, are specific attributes numbers 1/2 and three, so we were attained the familiar flat file structure where you've got a simplistic.

00:58:07.420 --> 00:58:14.620  
Chris Jackson (DELWP)  
Geo database you can come in some of the records. You can record 3 species in the same output.

00:58:15.580 --> 00:58:46.070  
Chris Jackson (DELWP)  
Uhm, and then we've also in the current geodatabase that I'm reviewing. In the moments we have the ability to use relational tables in there. Where are more sophisticated system can put as many records. Species records, for example as they want and just link it through the output ID. So that's one of the value adds that we've got in the current version, but neither side is required to use.

00:58:46.310 --> 00:58:46.740  
Chris Jackson (DELWP)  
Also.

00:58:47.630 --> 00:58:59.100  
Chris Jackson (DELWP)  
They just need to pick one or the other and the design of the dope system will read the information and figure out which one is the most appropriate and then pull it across into our side of the fence.

00:59:02.490 --> 00:59:03.160  
Chris Jackson (DELWP)  
Admin.

00:59:05.820 --> 00:59:10.070  
Jeanette Rout (DELWP)  
Uh, Chris, we've got another question from Andrew and then one from Angus.

00:59:11.510 --> 00:59:12.600  
Jeanette Rout (DELWP)  
Andrew, do you want to go first?

00:59:17.690 --> 00:59:29.550  
Adam G Hood (DELWP)  
Uh, I think Andrews question was around the geodatabase, which is what we ain't. I answered that before, so again, just remember that the tease there is that you come to that workshop and we will distribute it straight after that.

00:59:18.770 --> 00:59:19.070  
Jeanette Rout (DELWP)  
No.

00:59:20.100 --> 00:59:20.450  
Jeanette Rout (DELWP)  
Ah.

00:59:21.790 --> 00:59:22.100  
Jeanette Rout (DELWP)  
Yep.

00:59:22.860 --> 00:59:24.050  
Jeanette Rout (DELWP)  
OK, bye.

00:59:30.690 --> 00:59:31.220  
Jeanette Rout (DELWP)  
Right well.

00:59:30.830 --> 00:59:32.960  
Adam G Hood (DELWP)  
I ain't Angus is next, yeah.

00:59:33.330 --> 00:59:33.610  
Jeanette Rout (DELWP)  
Yep.

00:59:33.840 --> 00:59:34.860  
Adam G Hood (DELWP)  
Thanks Jeanette, sorry.

00:59:36.220 --> 00:59:40.160  
Angus Donaldson  
My questions is relating to the fencing object on that previous slide.

00:59:41.110 --> 00:59:52.250  
Angus Donaldson  
Come with the additional Polygon feature. Does that remove the need to report additional features like crazy exclusion on a project site? If we do a Polygon?

00:59:53.140 --> 00:59:58.470  
Angus Donaldson  
Area showing this the area which the fences protecting? Or is that an additional feature?

00:59:59.140 --> 01:00:26.660  
Chris Jackson (DELWP)  
No, it's additional. So this was a really another groundbreaking discovery through the workshops that we held with the technical working group. So the the logic of the standards is and the interpretation that we want you to use is that if you're expected management outcome, if the activity you're doing is grazing, then it should be recorded as a grating output.

01:00:27.160 --> 01:00:40.630  
Chris Jackson (DELWP)  
If the, uh, expected management outcome is fencing, then fencing should be the outputs. What you shouldn't do is overlap the two. They need to be kept completely separate.

01:00:46.860 --> 01:00:50.400  
Chris Jackson (DELWP)  
Does that answer that question well enough, Angus.

01:00:50.900 --> 01:01:00.550  
Angus Donaldson  
Uh, it's sort of because sort of things that I work in riparian sort of areas and you know, do fencing? Revenge is a standard and you know you could exclude stock so.

01:00:53.130 --> 01:00:53.670  
Adam G Hood (DELWP)  
It does.

01:01:01.330 --> 01:01:03.210  
Angus Donaldson  
From my understanding.

01:01:03.810 --> 01:01:05.510  
Angus Donaldson  
Can't you just explain that?

01:01:06.430 --> 01:01:10.170  
Angus Donaldson  
You would only put the line feature and the fencing Polygon feature.

01:01:11.240 --> 01:01:12.720  
Angus Donaldson  
And not the grazing exclusion.

01:01:14.270 --> 01:01:15.940  
Chris Jackson (DELWP)  
Yeah, so if the intention was.

01:01:16.000 --> 01:01:21.580  
Chris Jackson (DELWP)  
Is, uh, a change in grazing regime? Then you would record it as a grazing.

01:01:22.370 --> 01:01:25.160  
Chris Jackson (DELWP)  
Uh, outputs if the intention is.

01:01:25.210 --> 01:01:25.500  
Chris Jackson (DELWP)  
Is.

01:01:26.190 --> 01:01:33.210  
Chris Jackson (DELWP)  
Uh, hum, riparian vegetation. Then you would put it as a fencing output and show the area protected.

01:01:33.770 --> 01:01:34.560  
Adam G Hood (DELWP)  
I'll, uh.

01:01:33.950 --> 01:01:38.040  
Chris Jackson (DELWP)  
There is a nuance in there. It sounds like I'm saying the same thing, but there's a new customer.

01:01:35.420 --> 01:02:06.200  
Adam G Hood (DELWP)  
Yeah, I'll just I'll just. I'll just starve in 'cause? Uh, thanks Shana, you've, uh, yes, grazing will be covered in a future workshop for sure, because it was a very significant part of our conversations. And it's probably, uh, from what I what. What came out of that was probably grazing is used in a little more than perhaps a lot of programs intended to be used inside there inside there.

01:02:06.320 --> 01:02:26.010  
Adam G Hood (DELWP)  
Program investments so that one is one that we will definitely cover, particularly where we're at. And I I do. Even just heard it now that there's exclusion and a range of other things that are kind of embedded in that and it it, even in our conversations at the workshops that grazing.

01:02:26.070 --> 01:02:56.990  
Adam G Hood (DELWP)  
Uhm, as a tool was asked to be used a little bit differently to the way some people were reporting that they were using it, so it was a bit of an eye opener, but that's a gain as much to do with reporting data as it is really. It's about how we deliver, so there's a whole bunch of kind of conversations that will confound the conversation about how we do our work and what we and what we do and where we do it.

01:02:57.040 --> 01:03:06.010  
Adam G Hood (DELWP)  
Which is a data reporting kind of mechanism. Anyway, I won't interfere with that too much, but yes, we'll cover it in in workshops would question.

01:03:06.690 --> 01:03:10.430  
Chris Jackson (DELWP)  
Yeah, we'll bring some good case studies to that to give you specific examples as well.

01:03:13.140 --> 01:03:14.780  
Chris Jackson (DELWP)  
OK, that's us.

01:03:18.750 --> 01:03:19.640  
Adam G Hood (DELWP)  
OK well.

01:03:21.690 --> 01:03:22.830  
Adam G Hood (DELWP)  
I I think.

01:03:24.340 --> 01:03:29.890  
Adam G Hood (DELWP)  
Unless there are other questions and I'm happy to take a sort of more general questions.

01:03:29.950 --> 01:03:36.180  
Adam G Hood (DELWP)  
Uh, uh, beyond that, but I wanna just say thanks everybody.

01:03:36.230 --> 01:03:54.320  
Adam G Hood (DELWP)  
Uh, for coming along today I wanna thank Chris Jackson very particularly personally for his contribution to this over the next. The last few. Well, it's nearly a few years and I'll put that in the side and hopefully people will agree.

01:03:54.960 --> 01:03:55.570  
Adam G Hood (DELWP)  
Uhm?

01:03:56.740 --> 01:04:16.310  
Adam G Hood (DELWP)  
And A and I also want to thank everybody who is sitting around this big table with us today and I'm all their names. There are hundreds, right? We put this. This has been a very strongly recognized and a solid piece of work. The Secretary of the department has mentioned it quite solidly in his.

01:04:17.480 --> 01:04:47.380  
Adam G Hood (DELWP)  
In his missives that you know, this is well done for hanging on to this framework and make getting it through to the keeper. It's a really significant piece of work, so I'm happy to take any other questions if people have them. We can also take them offline. I'll give you a Christmas personal home number. You can contact him if you like. No, I'm joking, I'm out, but it is 507 and it's for a lot of people. That's home time.

01:04:47.660 --> 01:04:53.790  
Adam G Hood (DELWP)  
I'm for others, it's time to get on with your rest of your work that you couldn't get online with while you're at in all the meetings today.

01:04:55.070 --> 01:05:02.750  
Adam G Hood (DELWP)  
And yeah, don't forget to turn up on the 16th. I appreciate your time. Thanks very much guys. Thanks Jeanette for helping out with this too. But I'm Chris.

01:05:03.210 --> 01:05:03.780  
Angus Donaldson  
Thank you.

01:05:04.050 --> 01:05:04.690  
Zuzanna Lelito  
Thank you.

01:05:05.140 --> 01:05:06.100  
Chris Jackson (DELWP)  
Thanks very much guys.

01:05:05.180 --> 01:05:05.620  
Laura Chant  
Thanks.

01:05:06.580 --> 01:05:07.050  
Zuzanna Lelito  
Hey guys.

01:05:08.450 --> 01:05:09.200  
Chris Jackson (DELWP)  
Salem.

01:05:09.790 --> 01:05:10.710  
Andrew Morrison  
Thanks very much.

01:05:12.150 --> 01:05:12.720  
Chris Jackson (DELWP)  
Slogan.

01:05:14.610 --> 01:05:15.510  
Katie Warner  
Thank you.

01:05:16.690 --> 01:05:18.170  
Chris Jackson (DELWP)  
Say OK, thanks for your help.

01:05:18.730 --> 01:05:19.050  
Adam G Hood (DELWP)  
Yep.

01:05:18.780 --> 01:05:19.310  
Katie Warner  
There.

01:05:31.140 --> 01:05:33.150  
Adam G Hood (DELWP)  
Thanks unknown for discipline. That was wonderful.

01:05:33.750 --> 01:05:34.180  
Chris Jackson (DELWP)  
Yeah.

01:05:52.740 --> 01:05:53.300  
Chris Jackson (DELWP)  
Great.

01:05:54.110 --> 01:05:58.430  
Chris Jackson (DELWP)  
My arm I will jump out and see you guys on the other side.

01:06:01.370 --> 01:06:02.580  
Adam G Hood (DELWP)  
Thanks everyone bye bye.